

2012 ASSESSMENT REPORT

Property Comprising the Following Claims:

The “Blue Group”
Blue, Blue Fr.2 and Blue Fr.3 Claims

Located in the:
Keno Hill Area
Mayo Mining District
Yukon Territory, Canada
N.T.S. 105M/14

Latitude: 63.904° N
Longitude: 135.323° W

PREPARED FOR:

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and

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DATES WORK PERFORMED BETWEEN : July 13 and September 15, 2012

DATE OF REPORT: 20 May, 2013

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1.0 SUMMARY

Between 13 June and 15 September 2012, seven diamond drill holes were drilled from the Blue claim with a total of 1,371 metres within the claim and an additional six metres being under the adjacent Blue Fr.2 claim. These drill holes were designed to test the Flame & Moth mineralization that lies at depth on adjacent leases, but they also demonstrated in one hole that the mineralization also occurs on the Blue claim, although here it is not strongly developed.

During August 2012 twenty three soil samples were collected from the Blue Fr.3 claim. Some samples contain weakly anomalous concentrations of metals commonly associated with the silver-lead-zinc mineralization found in the Keno Hill mining district.

2.0 INTRODUCTION

This report summarizes drilling and soil sampling carried out on the Blue Group of claims by Alexco Exploration Canada Corp between June and September 2012. Planning, supervision, implementation and reporting of this work were performed by Alexco Resource Corp. staff.

The work was undertaken as part of the evaluation of the adjacent Flame and Moth deposit discovered in 2010 where silver resources containing approximately 23 million ounces Indicated and 1 million ounces Inferred are located (Farrow and McOnie, 2013). The drilling from sites collared on the Blue claim was designed to target the mineralized Flame Vein at a depth of approximately 200 – 300 metres below the surface immediately to the west of the claim. These drill holes pass below a thin wedge of the Blue 2F Claim. The mineralization is projected to dip below the claim group at greater depths.

A soil sampling program was completed over the adjacent Blue Fr. 3 claim, where the southwest extension of the mineralized Onek vein system has been projected.

The area is underlain by the Keno Hill Quartzite Formation. Here the lower units comprising quartzite, graphitic schist and sericite schist of the Sourdough Hill Member are exposed close to the contact to the underlying Keno Hill Basal Quartzite Member that hosts most of the silver-lead-zinc mineralization found in the Keno Hill mining district.

3.0 LOCATION AND ACCESS

The quartz claims on which assessment work has been undertaken are held under the name of Alexco Exploration Canada Corp. 100%. These properties are located in the Keno Hill district, Mayo Mining District approximately 350 km north of Whitehorse (Figure 1). The area is covered by NTS map sheet 105M/14. The reference datum used is UTM NAD83 Zone 8, unless otherwise noted.

Access to the property is via the Silver Trail Highway that connects the villages of Mayo and Keno City, and then on foot from the Duncan Creek Road southwest of Keno City. Lightning Creek runs through a steep walled canyon across the claim group.

The base of operations for Alexco is the abandoned company town of Elsa which contains camp, office and core logging facilities.

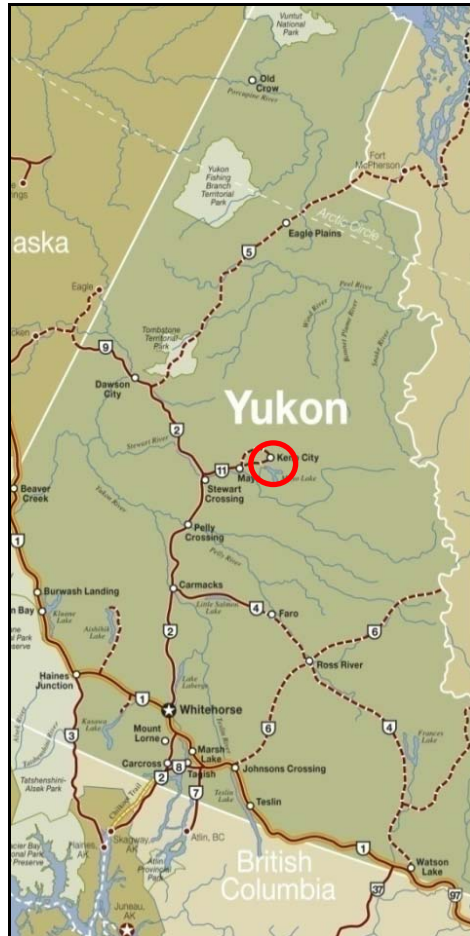


Figure 1 General Location of the Claim Block

4.0 CLAIM STATUS

The quartz mining claims covered by this report are active with a complete list provided in Appendix 1.

The Blue claim was staked in by W.D. Mann in 1999 over the expired Blue Jacket quartz mining lease. The claim was sold to MegaSilver in 2008 and Alexco in May 2011, and currently expires in December 2017. The Blue Fr.2 and Blue Fr. 3 claims were staked by

Alexco in 2011 following field work that identified the presence of fractions in the area and currently expire in December 2016.

The locations of the quartz claims are shown in Figure 2. A list of personnel and cost statement related to the work are included as Appendices 2 and 3.

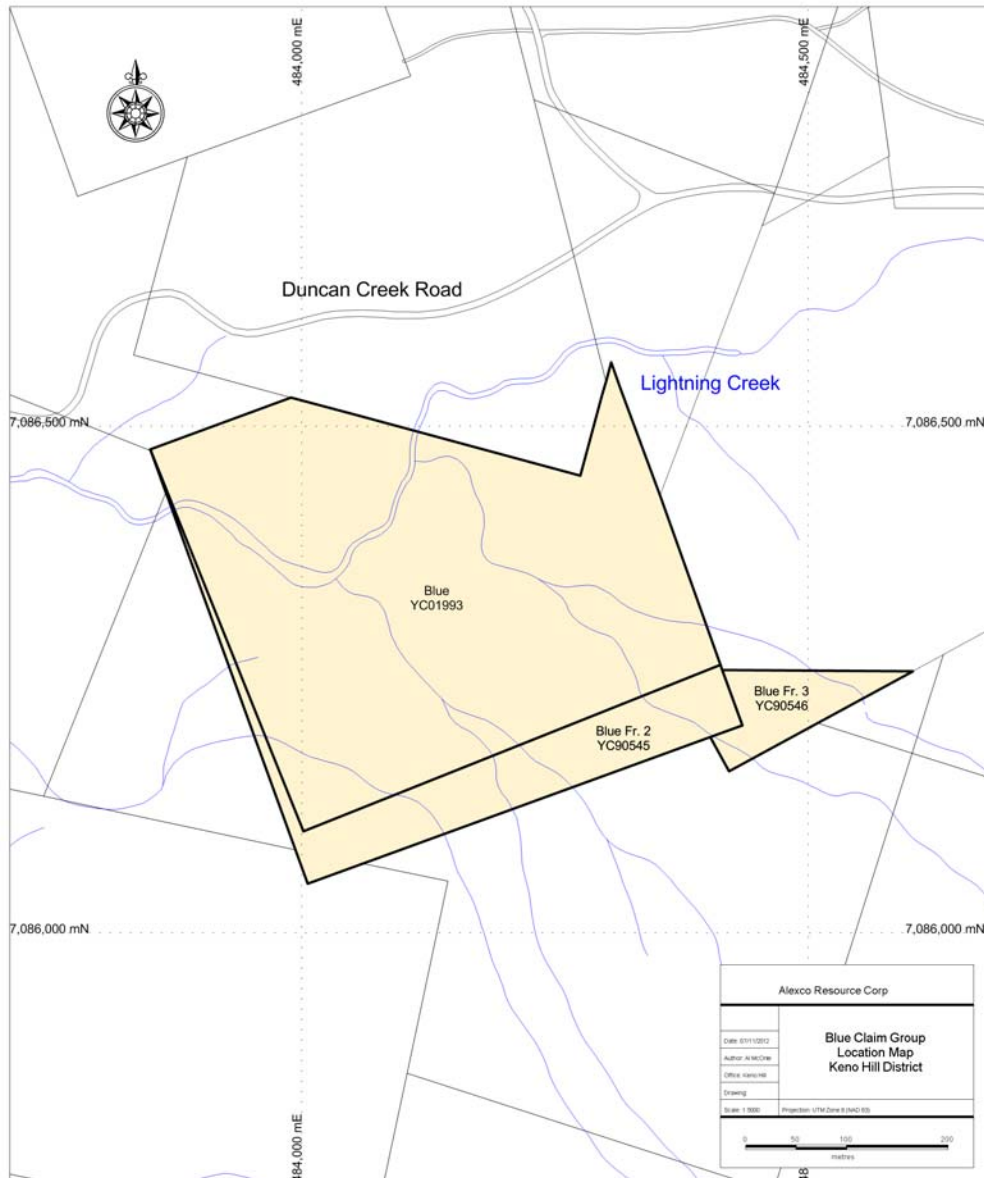


Figure 2 Location of the Claim Group

5.0 REGIONAL GEOLOGY

The property is situated within the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed sediments accumulated at the edge of the Neoproterozoic to Paleozoic continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces producing imbricate thrust sheets and widespread folding. In the mid-Cretaceous, renewed tectonism resulted in extensive brittle deformation and the emplacement of intrusive plutons.

The rocks units within the claim group comprise part of the Mississippian Keno Hill Quartzite Formation.

6.0 PROPERTY GEOLOGY

The claim block is underlain by the Keno Hill Quartzite Formation that hosts most of the past producing ore bodies in the Keno Hill district.

There is good outcrop through the Lightning Creek canyon that exposes the lower section of the Sourdough Hill Member that overlies the Basal Quartzite Member. It comprises a lower graphitic schist marker horizon, sericite schist marker horizon and an upper quartzite unit. The upper southern slopes are covered in colluvium and soil and have no outcrop.

The stratigraphy strikes east –west with a low angle dip of 28° to the south and can be readily traced through the drill hole intersections.

The surface geology is shown in Figure 3 (from McOnie and Read, 2010).

Previous work known from the claim block relates to the work undertaken by Mann (2002) that included one line of soil samples that displayed low level anomalies and a rock sample from mineralized veining in a 1920's historic adit located beside Lightning Creek that assayed 6.4 oz/t silver and 7.1% lead (Figure 4).

The area is adjacent to the newly discovered Flame and Moth deposit that has a silver resource of 22.8 million ounces Indicated and 1.1 million ounces Inferred (Farrow and McOnie, 2013).

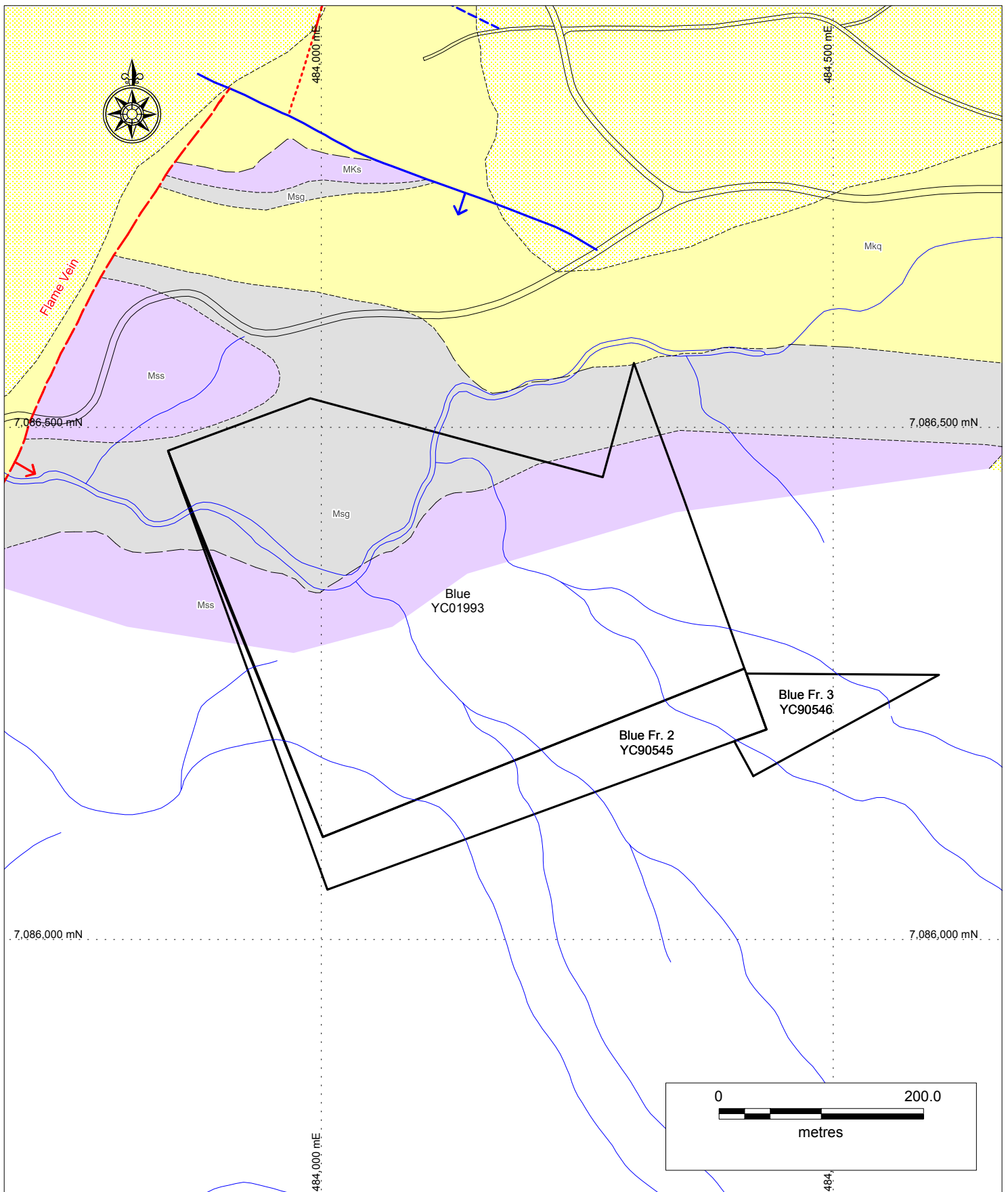


Figure 3 Surface Geology (from McOnie and Read, 2010)

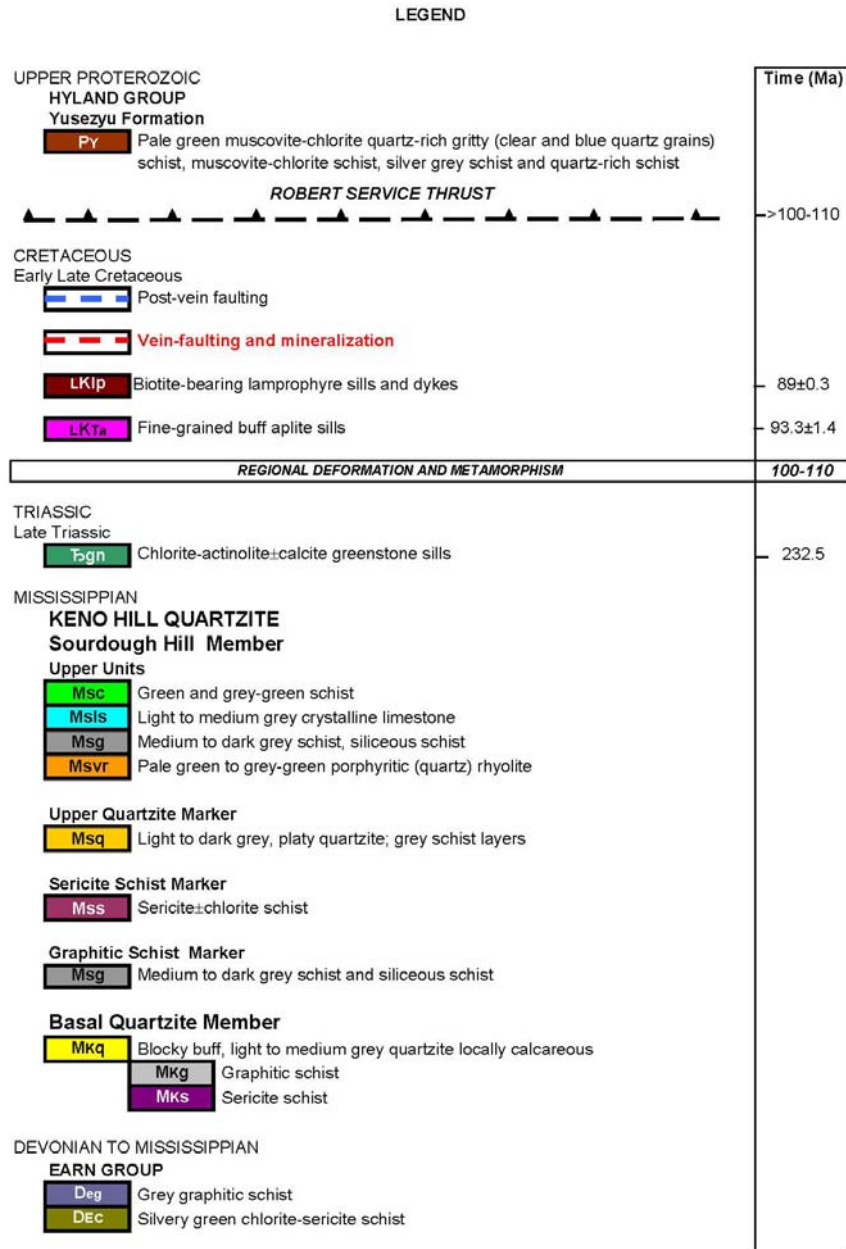
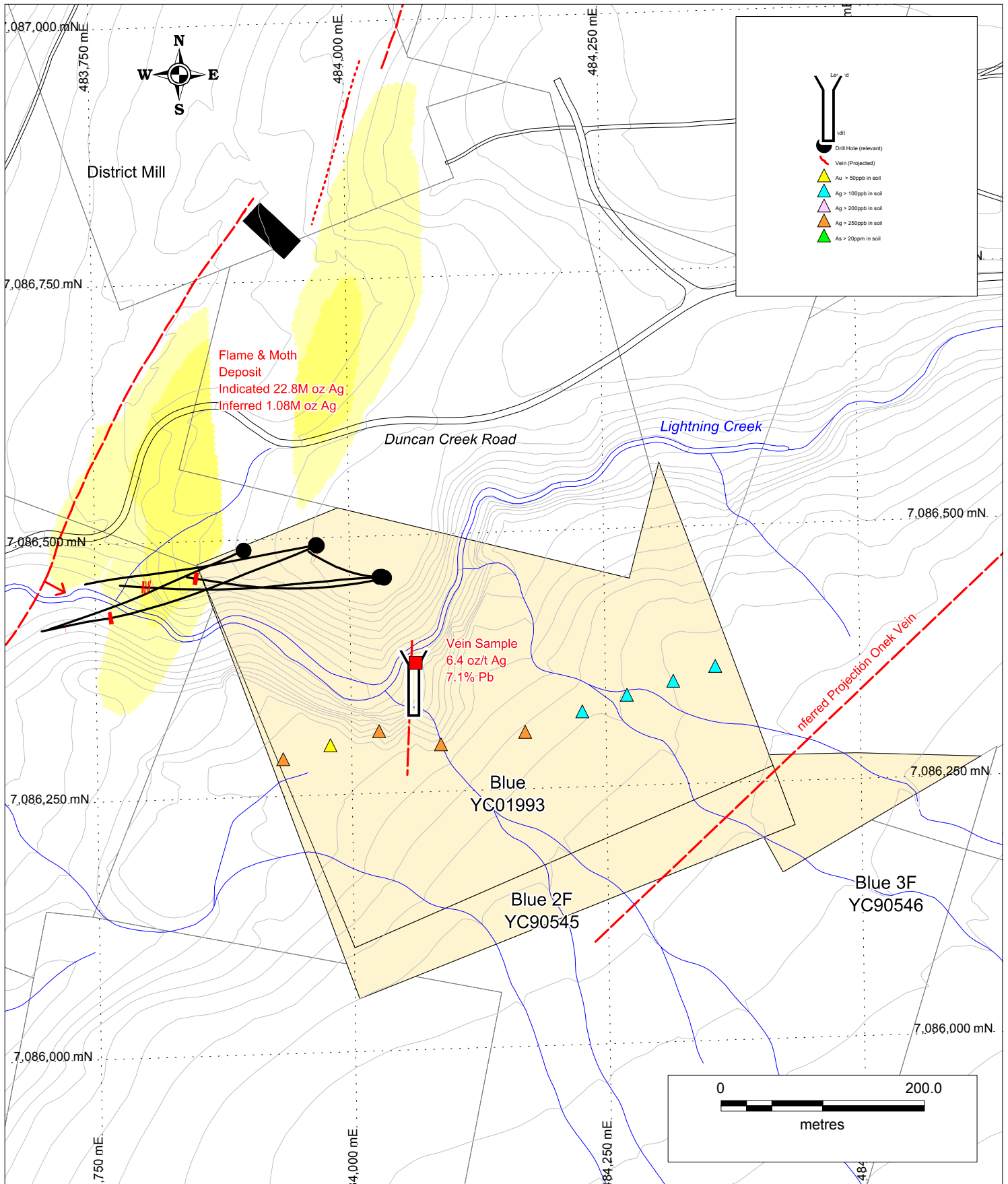


Figure 4 Geological Legend (from McOnie and Read, 2010)



Alexco R **Figure 5 Historical Work Showing Location of Flame and Moth Resource**

7.0 2012 DRILLING PROGRAM

Seven drill holes as shown in Figure 6, and detailed in Appendix 4 were collared from three sites on the Blue claim as part of the 2012 resource definition drilling for the adjacent Flame & Moth deposit (Figure 5). The drilling was conducted by Boart Longyear Canada at various times between 13 June and 15 September 2012 with a total of 1,377 metres of HQ core drilling completed on the claims.

Previously, in 2011, a total of ten holes had also been drilled from these sites, but these were not reported for assessment and details are not included here.

Logs for the related parts of the 2012 holes that lie below the Blue and Blue Fr.2 claims are shown in Appendix 5. Except for K-12-0442, there is no significant mineralization in the drill holes at the elevations where the holes cross these claims since they were collared well in the hangingwall of the Flame Vein that was targeted on adjacent leases at depths greater than about 200 metres.

Drill and Sample Procedure

Down hole surveys were taken at approximately 15 – 20 m intervals using a Reflex survey tool.

Standard logging and sampling conventions were used to capture information from the drill core. The core was logged at the Elsa facility, directly in digital format into a SQL database with separate tables for:

- Lithology
- Structure
- Mineralization
- Geotechnical
- Specific gravity
- Assay sampling

Lithology is documented by an alphanumeric code with additional modifiers and descriptive remarks also captured. Structural data consists of type of structure, with measurements relative to core axis, and, where possible, the orientation of mineralized veins relative to a reference plane calculated for the area. The Mineral table captures visual percentage veining, sulphide and oxide minerals. The geotechnical table records percentage recovery and rock quality determination for the entire hole and fracture intensity where warranted. Core specific gravity of mineralized material as well as basic rock types is routinely measured, using a balance and measuring the weight of core in air and in water.

Core sample assay intervals are broken at lithological contacts and at significant mineralization changes. The logging geologist marks the sample intervals within the major rock types outside of the mineralized zones which are typically 2-3 m in length.

Sample intervals within mineralized zones may range from 0.1 m to 1.0 m, based on consistency of mineralization and recovery, while some much broader zones that are not obviously mineralized are also included. Apart from sections of K-12-0442 (380.00 – 434.00m) and K-12-0462 (63.70 – 65.75m) within the Blue Group, core was not assayed.

After logging, the core is digitally photographed and if sampled, sawn in half lengthwise with a diamond saw. One half is returned to the core box for storage at Elsa and the other bagged for sample shipment.

Once the samples are taken, approximately four to five individual samples are placed in rice bags, placed on pallets and wrapped for shipping. Samples are direct shipped to ALS Laboratories Whitehorse for sample preparation.

ALS Laboratories is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures, including fire assay for gold and silver with atomic absorption and gravimetric finish; multi-element inductively coupled plasma optical emission spectroscopy; and atomic absorption assays for silver, copper, lead, and zinc.

Sample preparation consists of initial fine crushing of the sample to better than 70% passing 2 mm. A nominal 250 g split of this material is then pulverized to greater than 85% passing 75 μ and this portion used for analyses. Duplicate samples are prepared at the preparation facility by collecting a second 250 g split from the 2 mm crushed material where indicated.

Samples are analyzed by ALS Laboratory, North Vancouver, for gold by fire assay and atomic absorption spectrometry on 30 g sub-samples and for a suite of 34 elements by four acid digestion inductively coupled plasma atomic emission spectroscopy (ICP-AES) on 0.5 g sub-samples. The core sample assays were reported on ALS Certificates WH12171263, WH12177221, and WH12197689 and finalized by 23 September 2012.

Standard assay quality control procedures are implemented with each 20 sample batch including three control samples: a commercial Standard Reference Material (SRM), a blank, and a duplicate. The location of control samples (SRM, blank, and duplicate) in the sample stream is determined by the logging geologist and control samples are inserted when the core is prepared. The SRM is already processed to a pulp and inserted as ~50 to 100 g amounts. The blank is a commercially purchased dolomitic “landscape rock” and approximately 0.35 kg to 1.5 kg of the material is inserted into the sample stream. An empty sample bag is inserted at the location of the duplicate and is prepared during sample preparation at the laboratory preparation facility and consists of a coarse reject split of the preceding sample.

The SRM material used in this program are shown in Table 1.

SRM	Ag (g/t)	S.D.	Au (g/t)	S.D.	Pb %	S.D.	Zn %	S.D.
PB131	262	10.82			1.04	0.0531	1.89	0.058
PB137	111	2.07	3.74	0.19	2.62	0.093	2.69	0.115

Table 1 Standard Reference Material Used

Assay results for quality control samples are monitored on an ongoing basis and each potential quality control failure is investigated and appropriate remedial action taken, including the re-assaying of batches containing abnormal quality control results.

Drill Results

The full drill logs are presented in Appendix 4. Individual drill logs showing lithology with silver, gold, lead and zinc assay plots are shown on the Figures 7 – 13, with the portions within the Blue Group highlighted by the red box.

Two drill hole intervals that contained weakly mineralized structures were assayed from the drill holes within the claim group:

K-12-0442 (380.00 – 434.00 m) is inferred to represent the down dip extension of the Flame Vein and it contains several zones of elevated silver within a wide zone of anomalous lead and zinc, including:

- 419.15 – 420.90m : brecciated quartzite assays 25.3 g/t Ag
- 422.15 – 423.10m : mineralized fault, includes 0.55m at 0.21 g/t Au, 19.2 g/t Ag
- 432.28 – 434.00m :1.72m at 89 g/t Ag,

K-12-0462 (63.70 – 65.75m) contains a quartz vein zone over 0.45m from 64.55m, but this was not significantly mineralized.

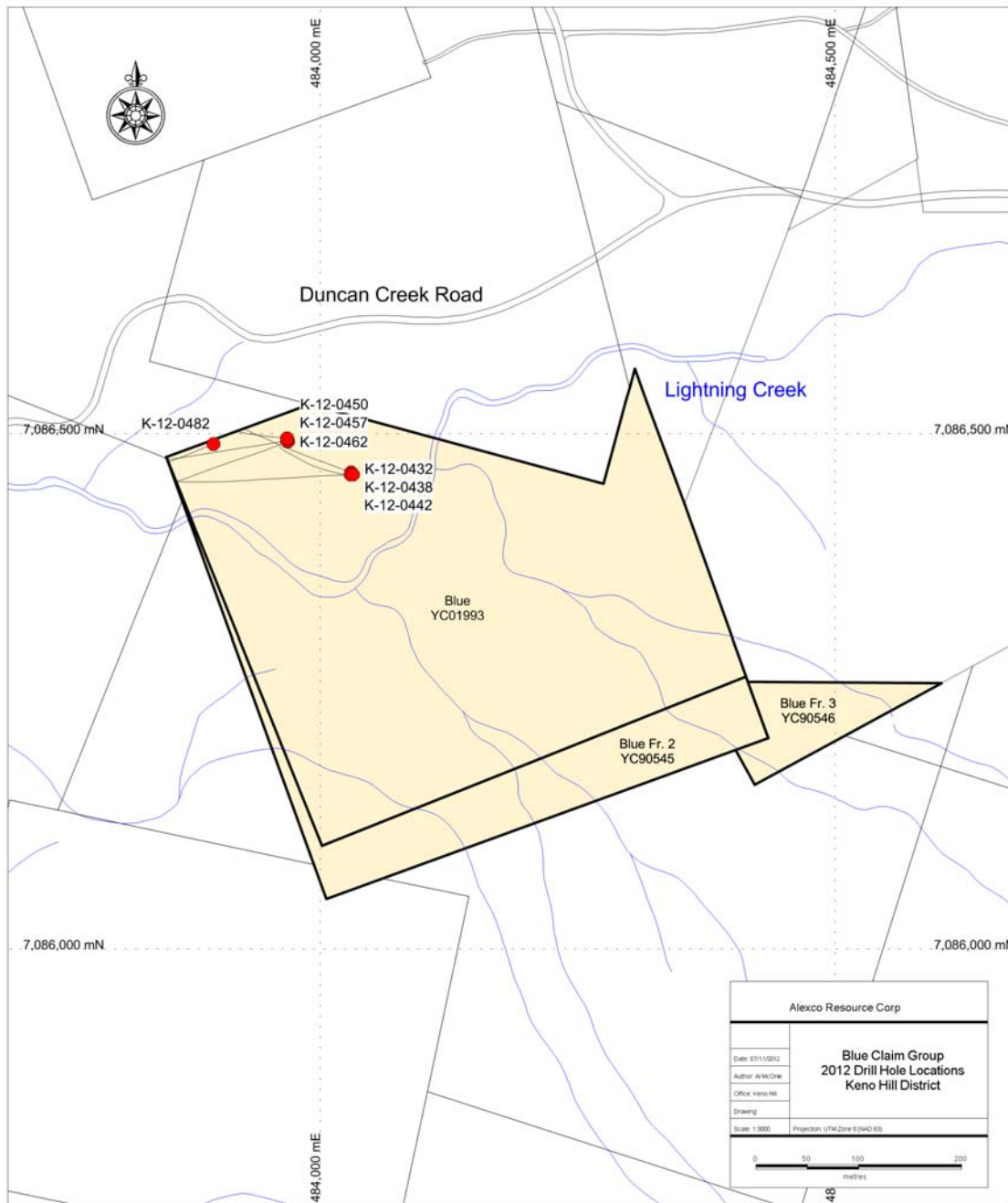


Figure 6 Blue Group 2012 Drill Hole Locations

Drill Log K-12-0432

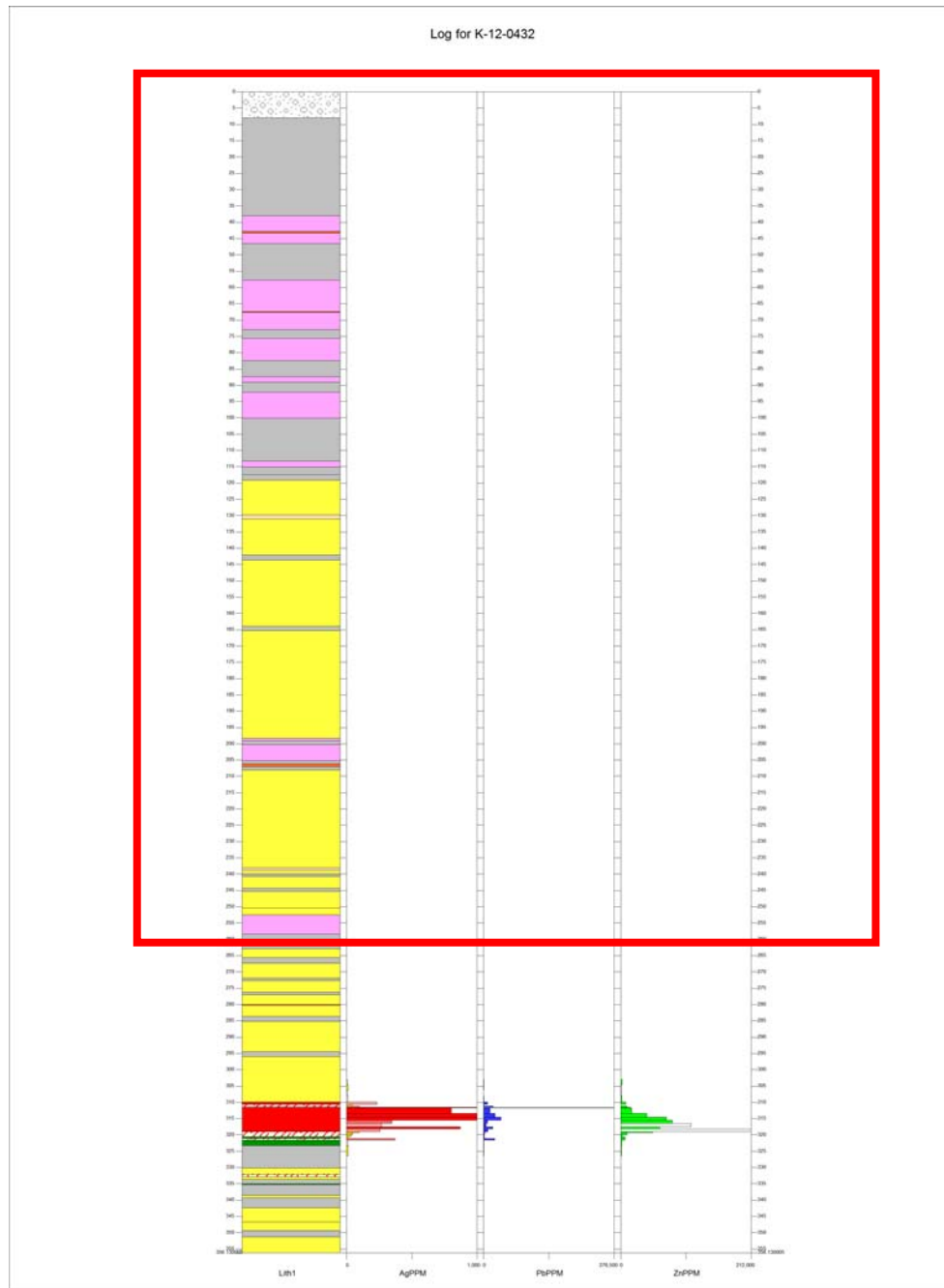


Figure 7 Drill Log K-12-0432 (Colour Legend as in Figure 4)

Drill Log K-12-0438

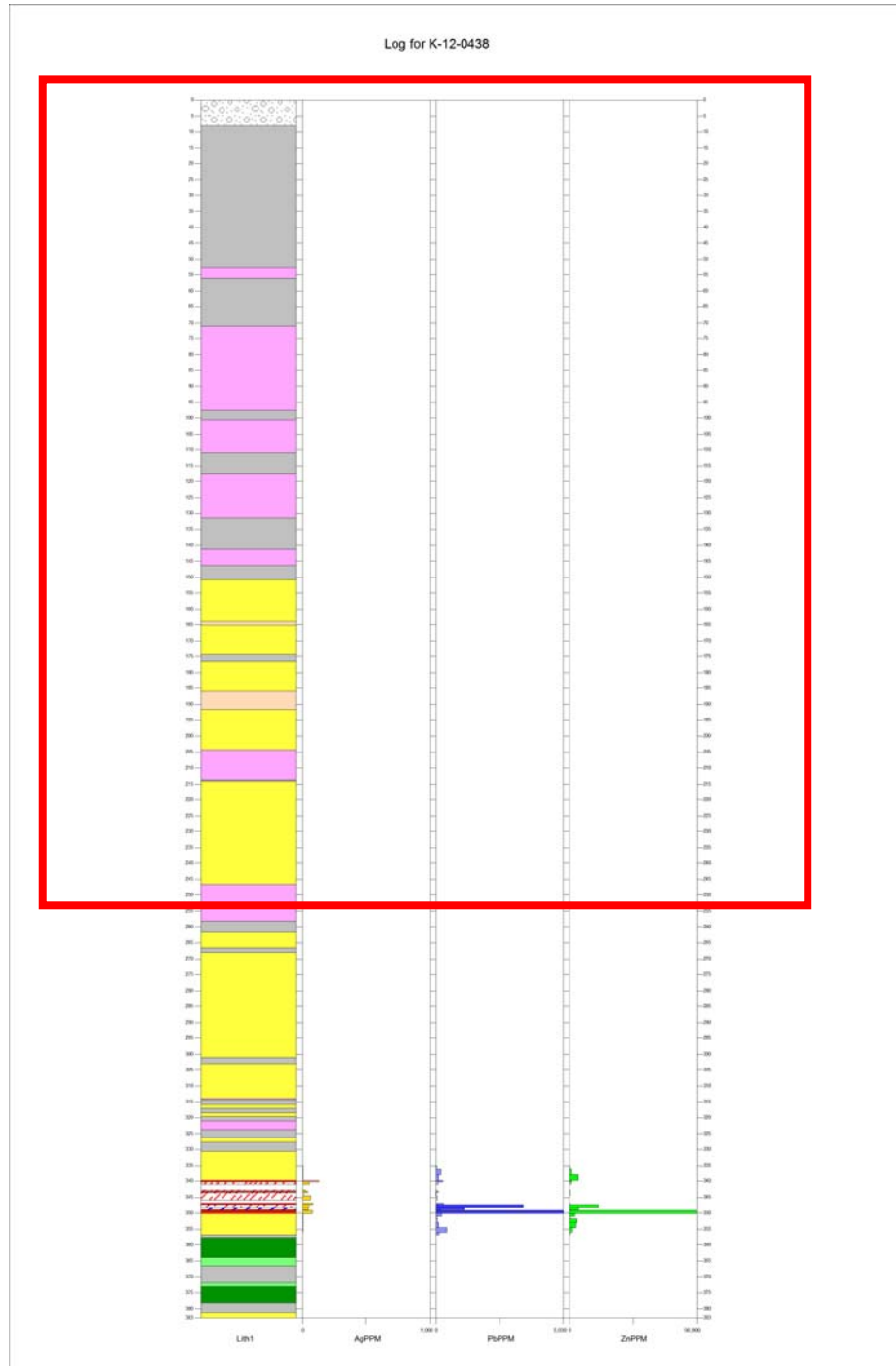


Figure 8 Drill Log K-12-0438 (Colour Legend as in Figure 4)

Drill Log K-12-0442

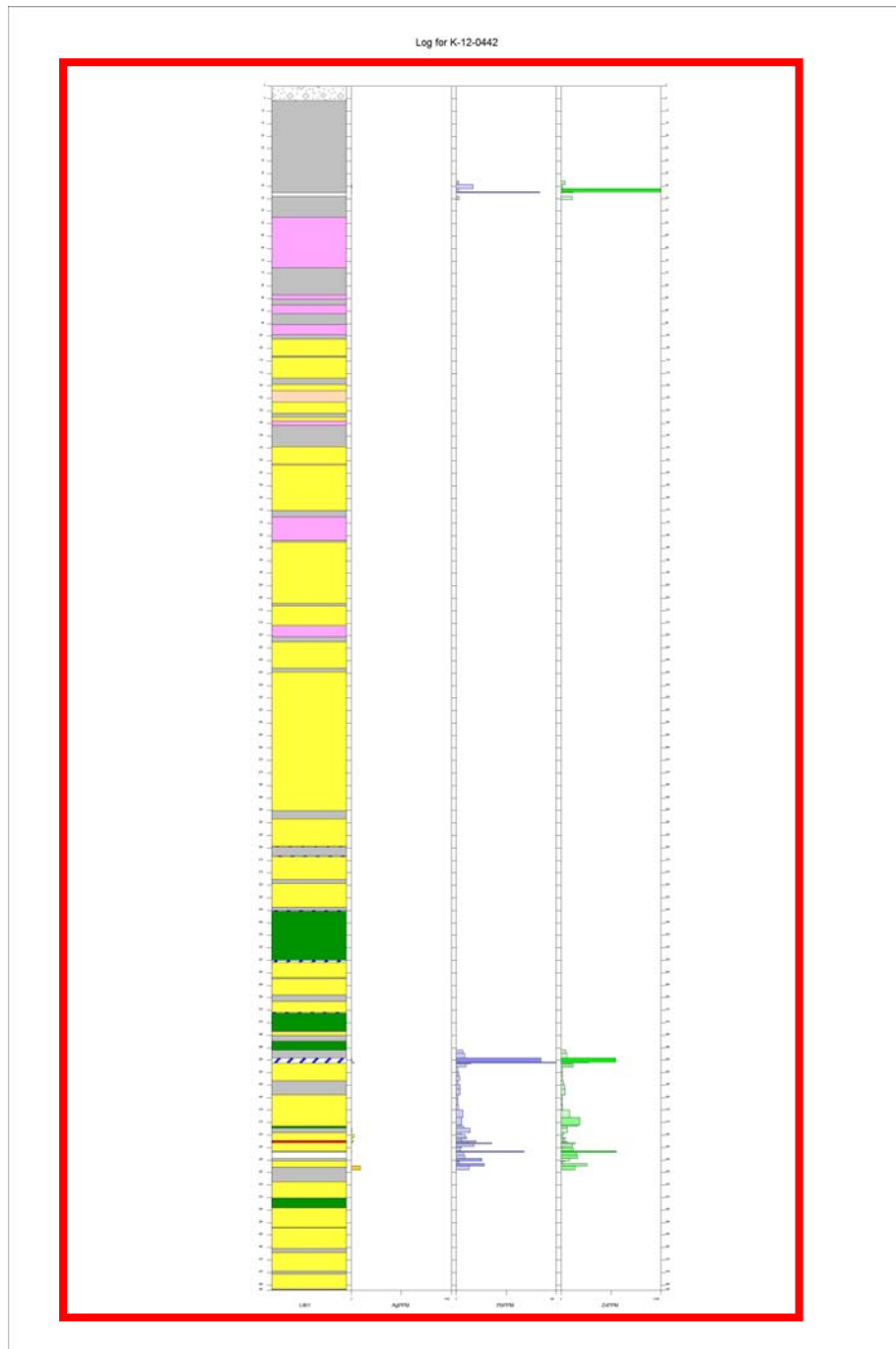


Figure 9 Drill Log K-12-0442 (Colour Legend as in Figure 4)

Drill Log K-12-0450

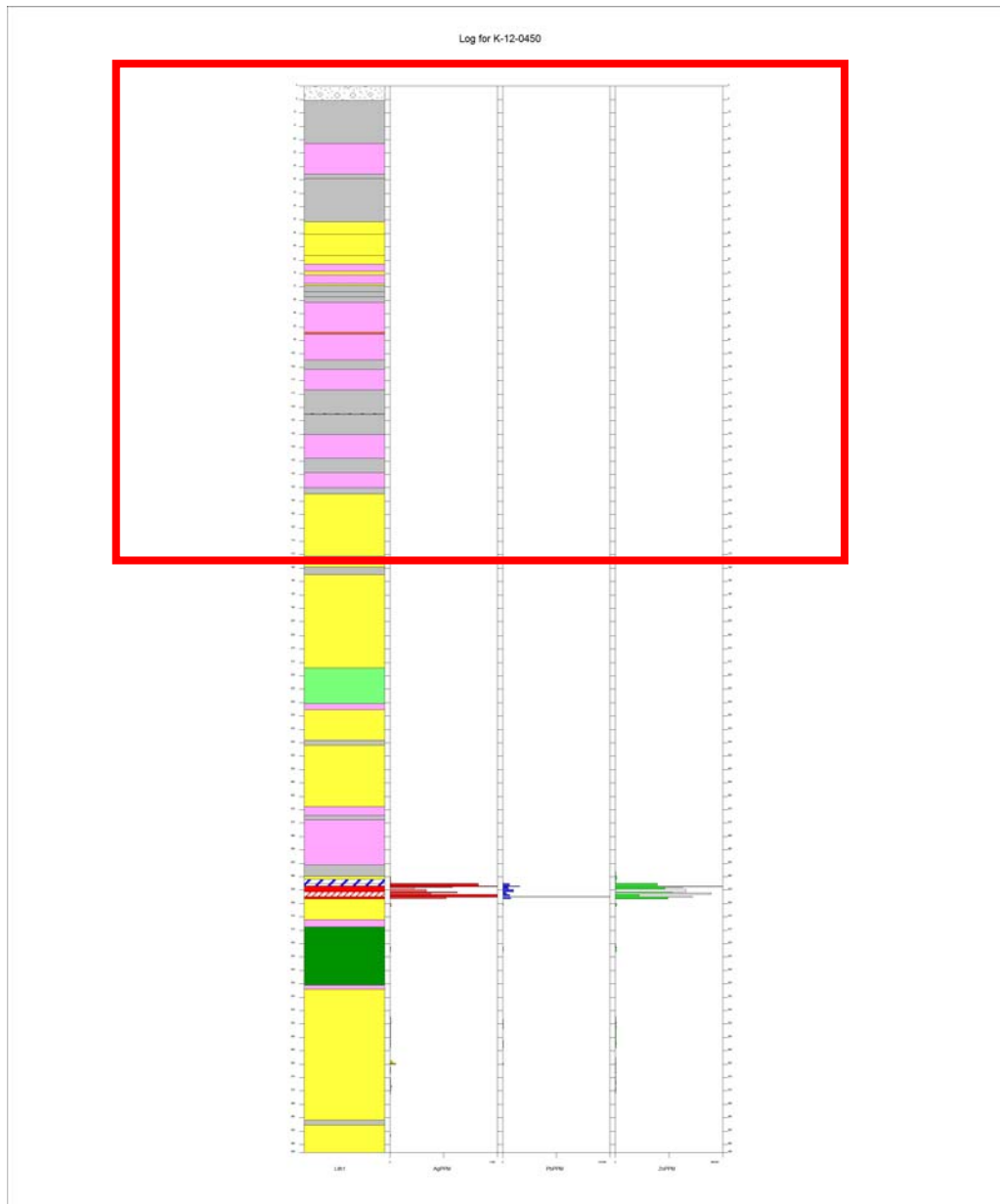


Figure 10 Drill Log K-12-0450 (Colour Legend as in Figure 4)

Drill Log K-12-0457

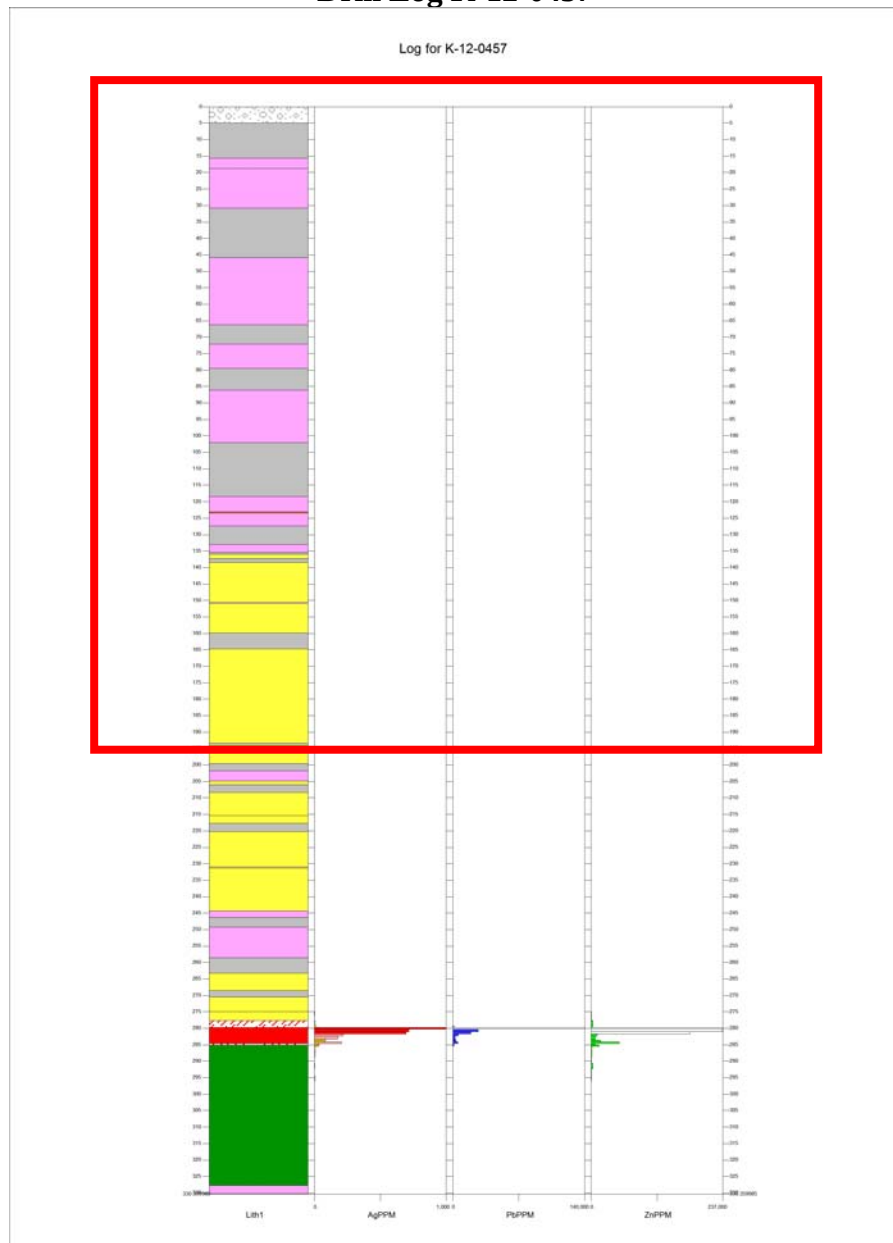


Figure 11 Drill Log K-12-0457 (Colour Legend as in Figure 4)

Drill Log K-12-0462

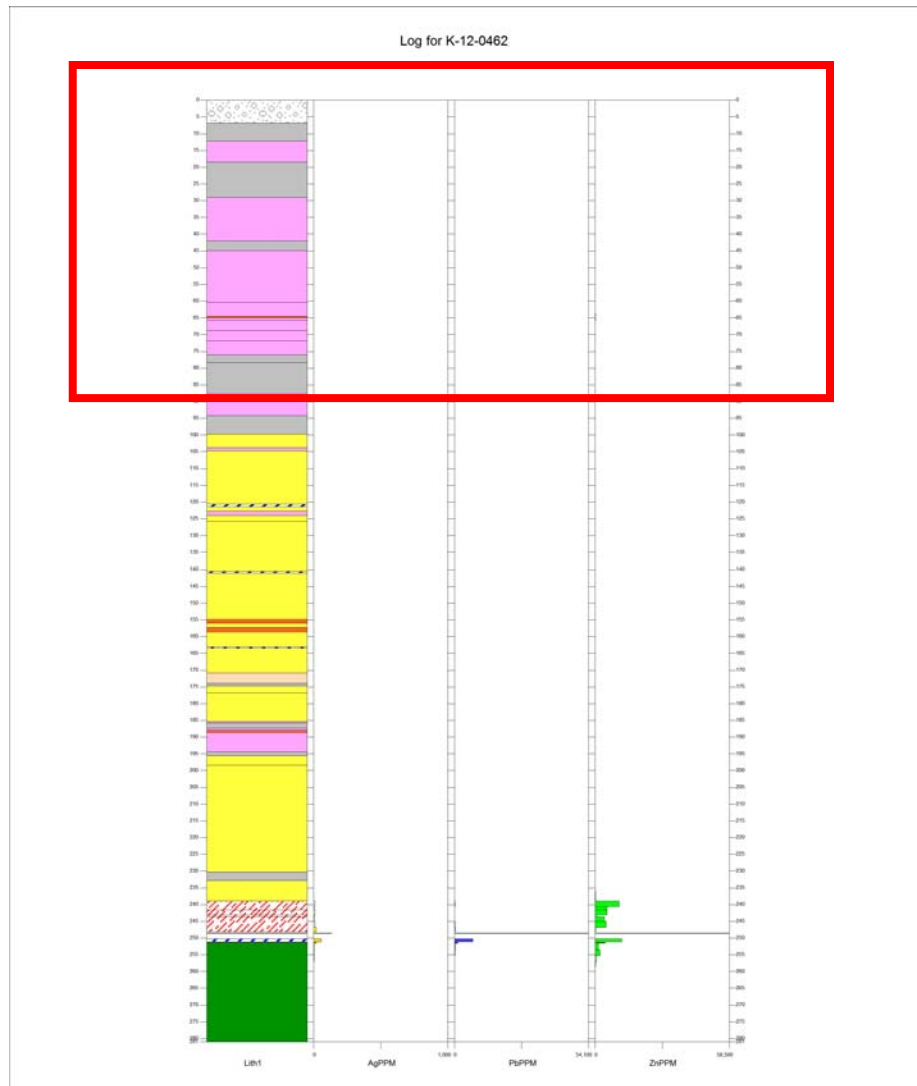


Figure 12 Drill Log K-12-0462 (Colour Legend as in Figure 4)

Drill Log K-12-0482

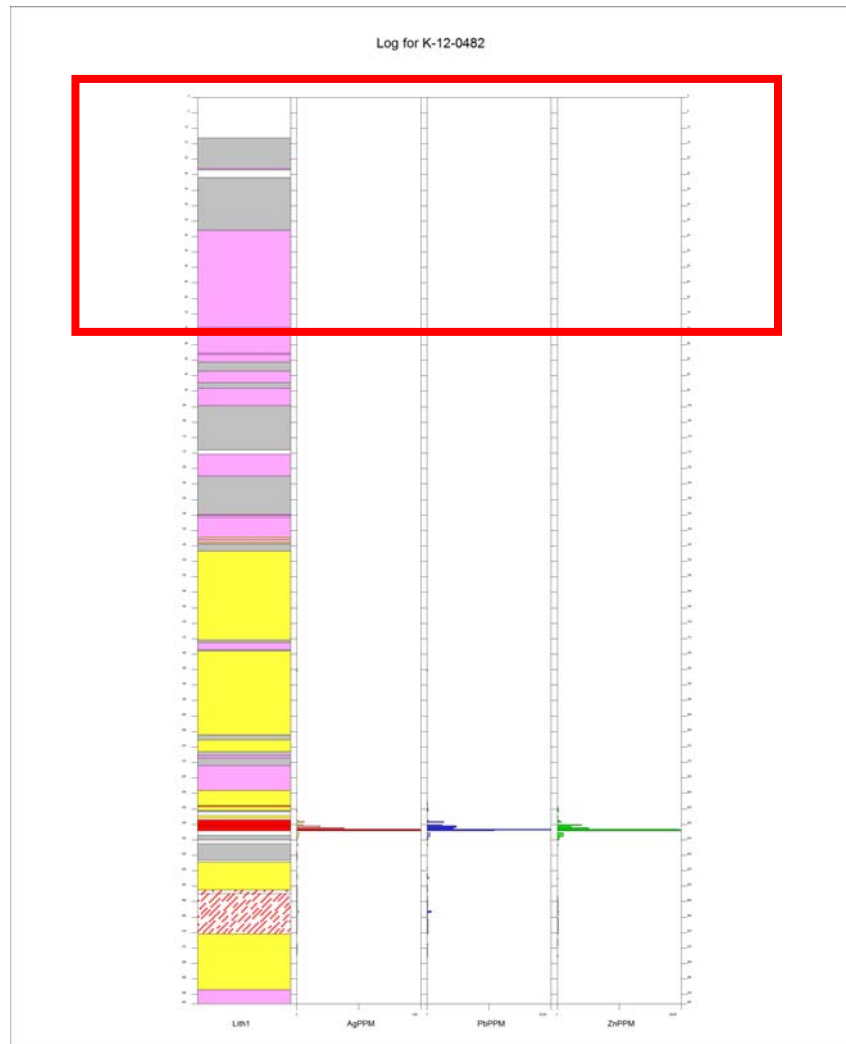


Figure 13 Drill Log K-12-0482 (Colour Legend as in Figure 4)

8.0 2012 SOIL SAMPLING PROGRAM

Twenty three soil samples were taken from the Blue 3F Claim on a 20 metre NW by 25 metre NE grid spacing on 18 August 2012 by Alexco Resource Corp. geologists. The ground slopes to the north and is covered in deep mossy vegetation amongst small open spruce trees. There is no outcrop.

All soil sample characteristics were recorded in the field and entered into spreadsheets (Appendix 5). Samples were analyzed for 51 elements by ICP method ME-MS41L using aqua regia acid digestion with gold also determined by method AA-25 using fire assay and AAS by ALS Minerals Laboratory, North Vancouver, BC and reported 23 September 2012. A copy of the assay results from certificate WH12207125 is included in Appendix 6.

Soil Sampling Results

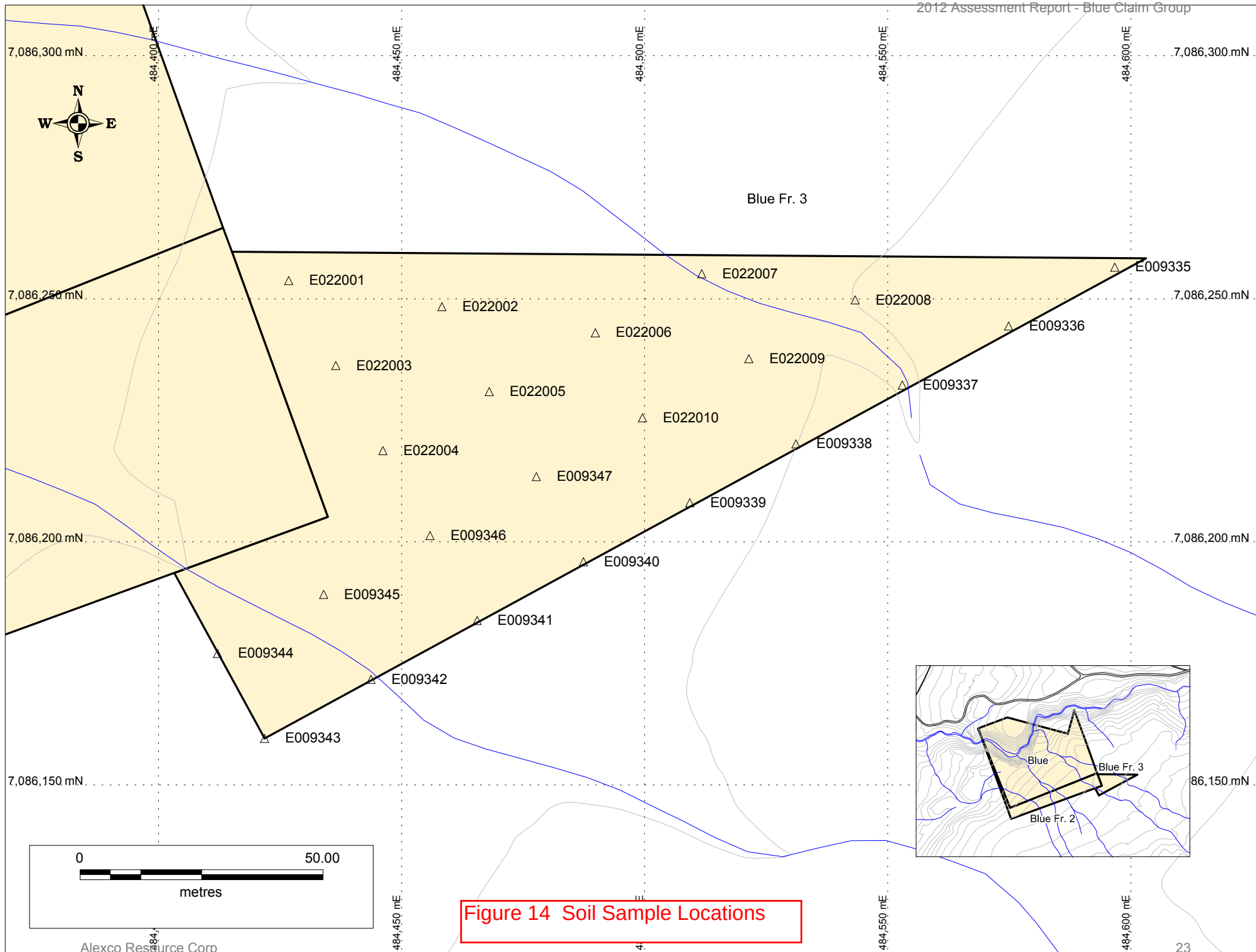
Within the Keno Hill district, the background values for elements generally associated with mineralization are considered to be as follows:

Ag.....	0.5ppm
Au.....	50ppb
Pb.....	40ppm
Zn.....	100ppm
Cu.....	35ppm
As.....	50ppm
Sb.....	5ppm

While, anomalous values are generally considered to exceed twice the background, the values here are low and range between background and anomalous as shown in Table 2.

A map showing the location of soil samples is shown as Figure 14.

The samples showing elevated values for arsenic, lead, and zinc are shown in Figure 15.



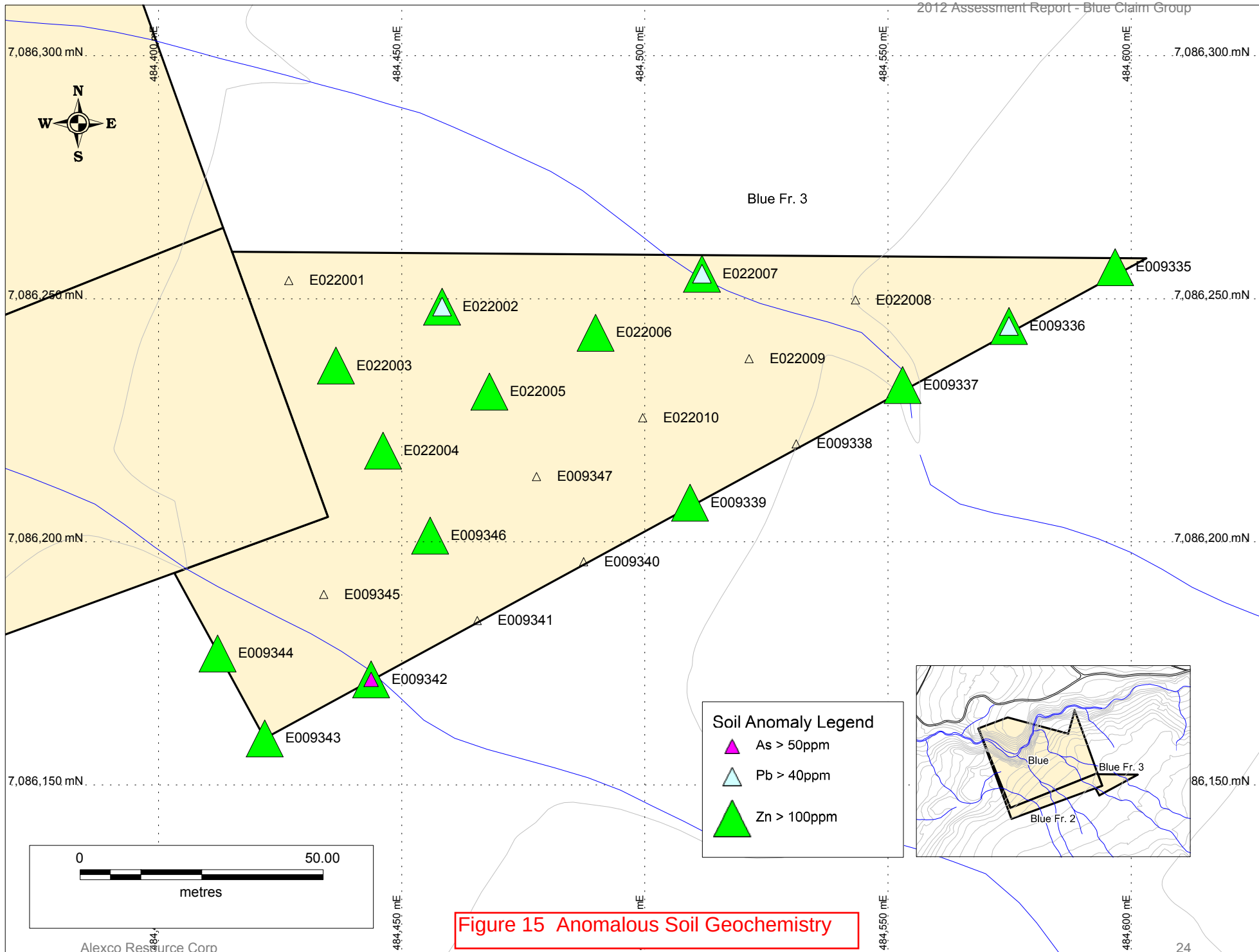


Table 2 Range of Geochemical Values (ppm) from Soil Survey

Field	Min	Max	Mean	Range	SD	Percentile25	Percentile50	Percentile75	Percentile90
Au ppm	0.0002	0.0081	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Ag ppm	0.202	0.443	0.31	0.24	0.07	0.25	0.31	0.36	0.41
Al %	0.85	1.48	1.11	0.63	0.16	1.02	1.06	1.21	1.34
As ppm	3.55	52.9	13.78	49.35	11.36	6.79	9.54	17.10	23.60
Ba ppm	141.5	439	255.37	297.50	73.31	212.00	234.00	288.50	348.20
Be ppm	0.24	0.57	0.35	0.33	0.08	0.30	0.35	0.37	0.44
Bi ppm	0.14	0.25	0.20	0.11	0.03	0.18	0.19	0.22	0.24
Ca %	0.56	1.26	0.89	0.70	0.18	0.77	0.86	1.00	1.10
Cd ppm	0.24	1.21	0.72	0.97	0.27	0.51	0.72	0.87	1.06
Ce ppm	22.8	29.4	25.21	6.60	1.71	23.90	25.10	26.00	27.18
Co ppm	5.3	15.3	9.08	10.00	2.45	7.50	7.80	10.65	11.60
Cr ppm	14.1	25	19.12	10.90	2.73	17.40	18.90	20.90	22.46
Cs ppm	0.38	0.86	0.60	0.48	0.10	0.55	0.59	0.63	0.70
Cu ppm	13.35	34.9	23.25	21.55	5.94	17.85	24.00	27.20	29.74
Fe %	1.32	8.56	2.42	7.24	1.45	1.79	2.05	2.44	3.05
Ga ppm	2.47	4.26	3.27	1.79	0.47	2.97	3.22	3.54	3.89
Ge ppm	0.05	0.05	0.05	0.00	0.00	0.05	0.05	0.05	0.05
Hf ppm	0.05	0.09	0.07	0.04	0.02	0.05	0.06	0.08	0.09
Hg ppm	0.008	0.044	0.03	0.04	0.01	0.02	0.03	0.04	0.04
In ppm	0.017	0.038	0.02	0.02	0.01	0.02	0.02	0.03	0.03
K %	0.03	0.05	0.04	0.02	0.01	0.03	0.04	0.04	0.05
La ppm	10.9	13.9	12.09	3.00	0.83	11.35	12.00	12.65	12.88
Li ppm	13.9	26.3	17.94	12.40	3.01	15.75	17.60	19.35	21.46
Mg %	0.34	0.47	0.39	0.13	0.05	0.35	0.39	0.44	0.46
Mn ppm	119	1430	410.43	1311.00	352.18	183.00	286.00	416.50	892.80
Mo ppm	0.22	1.52	0.49	1.30	0.28	0.33	0.41	0.57	0.74
Na %	0.01	0.01	0.01	0.00		0.01	0.01	0.01	0.01
Nb ppm	0.49	0.79	0.63	0.30	0.08	0.57	0.63	0.69	0.72
Ni ppm	15.3	31.6	22.14	16.30	4.29	17.90	22.30	25.15	26.64
P %	0.055	0.097	0.07	0.04	0.01	0.06	0.07	0.07	0.07
Pb ppm	20.8	42.9	30.50	22.10	6.47	26.45	29.90	34.95	39.72
Rb ppm	3.8	8.1	5.71	4.30	1.12	4.85	5.70	6.60	7.16
Re ppm	0.001	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01
S %	0.06	0.23	0.12	0.17	0.04	0.09	0.12	0.16	0.18
Sb ppm	0.397	1.13	0.68	0.73	0.19	0.54	0.71	0.78	0.89
Sc ppm	2.1	4.1	2.87	2.00	0.48	2.60	2.80	3.25	3.46
Se ppm	0.9	4.1	2.08	3.20	0.77	1.60	2.00	2.40	2.92
Sn ppm	0.2	0.4	0.31	0.20	0.06	0.30	0.30	0.30	0.40
Sr ppm	36.7	75.5	58.25	38.80	10.61	51.35	58.90	65.55	71.28

Te ppm	0.01	0.05	0.03	0.04	0.01	0.02	0.03	0.05	0.05
Th ppm	1.8	4	3.43	2.20	0.51	3.25	3.60	3.75	3.88
Ti %	0.017	0.026	0.02	0.01	0.00	0.02	0.02	0.02	0.02
Tl ppm	0.04	0.1	0.07	0.06	0.01	0.06	0.07	0.08	0.08
U ppm	0.98	5.84	2.58	4.86	1.05	2.00	2.37	3.06	3.68
V ppm	22	36	29.09	14.00	3.64	27.50	30.00	31.00	32.00
W ppm	0.09	0.6	0.19	0.51	0.12	0.13	0.15	0.20	0.24
Y ppm	5.37	9.88	7.72	4.51	1.19	6.56	7.92	8.53	9.16
Zn ppm	74.3	148.5	107.99	74.20	22.88	90.85	106.00	117.50	142.70
Zr ppm	1.6	3	2.28	1.40	0.47	1.85	2.20	2.70	2.88

9.0 CONCLUSIONS AND RECOMMENDATIONS

Work on the Blue Group of claims has been invaluable in that the area provided drilling locations for the resource definition drilling on the adjacent Flame and Moth silver deposit. The upper part of one of the drill holes reported here displays minor indications of mineralization and one deep hole penetrates the Flame vein-fault structure below the adjacent resource outline.

A small area on the eastern side of the claim group that lacks outcrop, displays weakly elevated soil geochemistry where the southwestern trace of the mineralized Onek vein system is projected to occur.

The potential to conduct further drilling from this area is high.

10.0 LIST OF REFERENCES

Farrow, D., and McOnie, A., 2013

NI 43-101 Updated Technical Report on the Flame & Moth Deposit, Flame & Moth Property, Keno Hill District, Yukon.

Alexco Resource Corp.

McOnie, A., and P.B. Read. 2010.

Stratigraphy, Structure and Exploration Opportunities Sourdough, Galena and part of Keno Hills, Keno Hill Mining Camp, Central Yukon.

Internal Report Alexco Resource Corp.

Mann, W.D., 2002

Assessment Report – Geochemical Report on the Spider, Man & Ag Quartz Claims, Grant Nos. YC02773 to YC02775, Mayo Mining Division, Yukon Territory.

APPENDIX 1

LIST OF CLAIMS

Claim Label	Quartz Claim	Grant Number	Owner Name	Staking Date	Recorded Date	Expiry Date
Blue Fr. 2	148782890	YC90545	Alexco Exploration Canada Corp. - 100%	2011/09/17	2011/09/20	2016/12/31
Blue Fr. 3	148782898	YC90546	Alexco Exploration Canada Corp. - 100%	2011/09/17	2011/09/20	2016/12/31
Blue	149003966	YC01993	Alexco Exploration Canada Corp. - 100%	1999/09/09	1999/09/10	2017/12/21

APPENDIX 2

LIST OF PERSONNEL

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APPENDIX 3

STATEMENT OF EXPENDITURES

COST STATEMENT - Alexco Resource Corp. September 2012 "Blue" Assessment Filing								
Claim(s)	Grant	Owner	DRILLING DIRECT COSTS	STAFF/REPORTING	ROOM AND BOARD	ANALYTICAL	RENTALS / SUPPPORT	EST TOTAL
Blue	YC01993	Alexco Exploration Canada Corp.	\$ 312,979.00	\$ 14,360.00	\$ 20,406.00	\$ 2,773.00	\$ -	\$ 350,518.00
Blue Fr. 2	YC90545	Alexco Exploration Canada Corp.	\$ 1,288.00	\$ 365.00	\$ 1,140.00	\$ -	\$ -	\$ 2,793.00
Blue Fr. 3	YC90546	Alexco Exploration Canada Corp.	Soil geochemical sampling only	\$ 1,780.00	\$ 456.00	\$ 966.00	\$ 75.00	\$ 3,277.00
		Diamond Drilling includes 1371 m in 7 holes on the Blue claim and 6 m in 4 holes on the Blue Fr. 2 claim						
Geochemical Soil Sampling work carried out on August 19, 2012. Drilling carried out from June 15, 2012 to September 14, 2012								

APPENDIX 4

DRILL LOGS

2012 DRILL COLLARS

All holes completed by Boart Longyear Limited

Drill Hole	Easting UTM	Northing UTM	Elevation UTM	Surface Azimuth	Surface Inclination	Total Depth m	Interval in Blue Claim	Interval in Blue Fr.3 Claim	Date Started	Date Completed
K-12-0432	484029.7842	7086462.363	929.2850952	288.5	-46.5	356.14	168		2012/06/13	2012/06/22
K-12-0438	484029.6245	7086460.162	929.4099121	264	-45	383	251	2	2012/06/22	2012/07/01
K-12-0442	484031.5349	7086460.293	929.4257202	267	-82	482	482		2012/07/01	2012/07/13
K-12-0450	483968.4189	7086492.433	924.939209	255	-45	398	162	2	2012/07/13	2012/07/23
K-12-0457	483967.5947	7086493.11	924.9680176	260	-45	330.36	165	1	2012/07/24	2012/07/31
K-12-0462	483967.8024	7086495.396	924.8428955	280	-49	281	80		2012/07/31	2012/08/06
K-12-0482	483896.3845	7086489.906	914.3604126	247	-45	293	63	1	2012/09/08	2012/09/15

Lithology Legend

Lithology	Description
NR	No Recovery
OVB	Overburden
FLT	Fault
BX	Hydrothermal Breccia
DM	Disseminated mineralization
SM	Stringer-mineralization
VL	Mineralized Veinlet
VM	Mineralized Vein
VN	Unmineralized Vein
QTZT	Quartzite
TQTZT	Thin Bedded Quartzite (Msq)
ICQS	Interbedded Carbonaceous Quartzite & Schist
CQTZT	Calcareous Quartzite
GSCH	Graphitic Schist
SSCH	Sericite Schist
CHSCH	Chloritic Schist
CSCH	Calcareous Schist
GRIT	Quartz gritty Schist or Meta-felsic volcanic
SCH	Undifferentiated schist
LMST	Limestone
QFP	Quartz Feldspar Porphyry - Felsite or Aplite
GNST	Greenstone

Lith Modifier	Description
a	argillaceous
c	calcareous
chl	chloritic
cty	cherty
g	graphitic
m	massive (quartzite or schist)
mb	Medium bedded 30-120 cm bands of QTZT, GSCH
s	sericitic
tkb	Thick bedded >120 cm bands of QTZT,GSCH
tnb	Thin bedded <30 cm bands of QTZT, GSCH

Mineralization Legend

Mineral	
act	actinolite
agt	argentite
ars	arsenopyrite
bor	bornite
cal	calcite
car	carbonate
cc	chalcocite
cer	cerrusite
chl	chlorite
cp	chalcopyrite
diop	diopside
dol	dolomite
FeOx	iron oxide
fre	freibergite
gar	garnet
gn	galena
goe	goethite
lim	limonite
mal	malachite
mar	marcasite
mng	any manganese oxide
msd	manganese siderite
nag	native silver
nau	native gold
pgy	pyrargyrite
pol	polybasite
py	pyrite
pyh	pyrrhotite
qtz	quartz
sco	scorodite
sd	siderite
sfo	sulphosalts
she	scheelite
sph	sphalerite
tet	tetrahedrite
trm	tourmaline
unkn	unknown mineral
wad	manganese wad

Structure Legend

Structure	Description
AP	axial plane
BD	bedding
BR	breccia
BU	boudin
CT	contact (identify type)
DMB	Disseminated Mineral Banding (replacement style)
FA	fold axis
FCL	fracture cleavage
FLD	fold
FLT	fault
FN	foliation
FR	fracture (open space)
FRZ	fracture zone
FZN	fault zone
JN	joint (parting)
LN	lineation
ME	mineral elongation
MRZ	mechanical rubble zone
PA	phenocrysts alignment
PC	plication
RZ	rubble zone
SH	shear
SHZ	shear zone
STR	stringer/stringer zone (<1cm)
U	unconformity
VB	vein banding
VM	vein - mineralized
VN	vein (>10cm)
VNLT	veinlet (1-10cm)
VNZ	vein zone
VRG	vergence

Geotechnical Legend

Intensity	Description
1	weak
2	moderate
3	strong
4	very strong

IRS Category	Description
S1	Very soft clay: easily penetrated several cm by fist
S2	Soft clay: easily penetrated several cm by thumb
S3	Firm clay: penetrated several cm by thumb with mod effort
S4	Stiff clay: indented with thumb, but penetrated with great effort
S5	Very stiff clay: readily indented with thumbnail
S6	Hard clay: Indented with difficulty with thumbnail

Rock Strength	Description
R0	extremely weak; indented by thumbnail
R1	very weak; crumbles under firm blow of geologic hammer; peeled by pocket knife
R2	weak; shallow indentation under firm blow of geology pick
R3	medium strong; fractured with single blow of geologic hammer
R4	strong; requires more than one blow of hammer to fracture
R5	very strong; requires many blows of hammer to fracture
R6	extremely strong; can only be chipped with strong blows of hammer

Surveys

Hole	Depth_m	Pull_Back	Corrected_Azimuth	Dip	Date_Surveyed
K-12-0432	0		289.30	-46.50	12/06/2012
K-12-0432	20	6	289.90	-46.90	14/06/2012
K-12-0432	44	6	290.50	-46.80	14/06/2012
K-12-0432	68	6	291.20	-47.70	14/06/2012
K-12-0432	92	6	292.10	-48.30	14/06/2012
K-12-0432	116	6	294.00	-48.30	14/06/2012
K-12-0432	140	6	294.50	-48.60	14/06/2012
K-12-0432	164	6	296.50	-48.10	14/06/2012
K-12-0432	188	6	295.60	-47.90	14/06/2012
K-12-0432	212	6	297.60	-48.10	14/06/2012
K-12-0432	236	6	297.80	-48.30	14/06/2012
K-12-0432	260	6	297.60	-48.30	14/06/2012
K-12-0438	0		264.00	-45.00	
K-12-0438	17	6	268.80	-44.60	22/06/2012
K-12-0438	41	6	267.90	-45.10	22/06/2012
K-12-0438	65	6	265.00	-45.50	22/06/2012
K-12-0438	89	6	267.50	-46.50	22/06/2012
K-12-0438	113	6	266.60	-47.50	24/06/2012
K-12-0438	137	6	266.10	-48.10	24/06/2012
K-12-0438	161	6	266.20	-48.10	24/06/2012
K-12-0438	188	6	268.80	-49.50	24/06/2012
K-12-0438	212	6	269.70	-49.70	25/06/2012
K-12-0438	260	6	272.10	-49.70	28/06/2012
K-12-0442	0	6	272.00	-82.00	02/07/2012
K-12-0442	29	6	272.30	-82.20	02/07/2012
K-12-0442	53	6	273.00	-81.70	02/07/2012
K-12-0442	77	6	276.10	-81.70	02/07/2012
K-12-0442	101	6	281.50	-81.40	02/07/2012
K-12-0442	125	6	283.10	-81.30	03/07/2012
K-12-0442	149	6	283.80	-81.60	03/07/2012
K-12-0442	173	6	284.80	-81.50	04/07/2012
K-12-0442	197	6	289.10	-80.90	04/07/2012
K-12-0442	221	6	288.60	-81.20	04/07/2012
K-12-0442	245	6	291.70	-80.80	04/07/2012
K-12-0442	269	6	292.10	-80.80	04/07/2012
K-12-0442	293	6	291.20	-80.30	04/07/2012
K-12-0442	317	6	298.40	-80.00	04/07/2012
K-12-0442	344	6	299.40	-80.00	04/07/2012
K-12-0442	368	6	297.70	-79.90	07/07/2012
K-12-0442	392	6	299.20	-80.20	07/07/2012
K-12-0442	440	6	300.60	-79.70	07/07/2012
K-12-0442	464	6	305.00	-78.90	07/07/2012
K-12-0450	0		248.00	-43.00	
K-12-0450	20	6	248.80	-43.90	14/07/2012
K-12-0450	44	6	250.40	-44.30	14/07/2012
K-12-0450	68	6	252.10	-44.90	14/07/2012
K-12-0450	92	6	250.40	-44.80	18/07/2012
K-12-0450	116	6	249.60	-45.50	14/07/2012
K-12-0450	140	6	250.40	-44.40	14/07/2012
K-12-0450	164	6	251.20	-44.30	14/07/2012
K-12-0457	0		260.00	-45.00	
K-12-0457	26	6	260.70	-42.90	24/07/2012
K-12-0457	50	6	261.40	-44.20	24/07/2012
K-12-0457	83	6	260.70	-45.60	25/07/2012
K-12-0457	107	6	260.90	-45.90	26/07/2012
K-12-0457	131	6	261.00	-47.40	26/07/2012
K-12-0457	155	6	261.10	-47.50	27/07/2012
K-12-0457	179	6	264.10	-47.40	27/07/2012
K-12-0462	0		275.00	-49.00	
K-12-0462	20	6	276.20	-49.60	01/08/2012
K-12-0462	44	6	277.60	-49.70	01/08/2012
K-12-0462	68	6	279.00	-49.10	01/08/2012
K-12-0482	0		247.00	-44.00	
K-12-0482	23	6	248.00	-44.10	09/09/2012
K-12-0482	47	6	248.25	-44.80	09/09/2012
K-12-0482	71	6	248.50	-46.30	09/09/2012

Geotech

Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint Count	Num_Joint_Sets	Joint Roughness	Joint Fill	GSI	IRS Strong	IRS Weak	IRS Category	IRS Weak Pct
K-12-0432	0.00	8.00	8.00														
K-12-0432	8.00	11.00	3.00	2.18	72.67	0.64	21	45	3	15		10	34	R3			
K-12-0432	11.00	14.00	3.00	2.01	67.00	0.55	18	34	1	12		9	35	R3			
K-12-0432	14.00	17.00	3.00	2.34	78.00	0.22	7	50	0	0			33	R3			
K-12-0432	17.00	20.00	3.00	2.87	95.67	0.90	30	49	2	11		10	33	R3			
K-12-0432	20.00	23.00	3.00	2.81	93.67	0.32	11	51	0	0			32	R3			
K-12-0432	23.00	26.00	3.00	2.71	90.33	0.49	16	34	0	0			32	R3			
K-12-0432	26.00	29.00	3.00	2.51	83.67	1.19	40	29	1	11		10	32	R3			
K-12-0432	29.00	32.00	3.00	2.47	82.33	0.88	29	33	0	0			32	R3			
K-12-0432	32.00	35.00	3.00	2.63	87.67	0.14	5	39	2	11			32	R3			
K-12-0432	35.00	38.00	3.00	2.33	77.67	1.31	44	32	1	11			32	R3			
K-12-0432	38.00	41.00	3.00	2.92	97.33	2.31	77	23	0	0			30	R3			
K-12-0432	41.00	44.00	3.00	2.88	96.00	1.37	46	34	0	0			30	R3			
K-12-0432	44.00	47.00	3.00	2.96	98.67	0.54	18	47	4	12		10	30	R3			
K-12-0432	47.00	50.00	3.00	2.92	97.33	1.92	64	24	2	12			30	R3			
K-12-0432	50.00	53.00	3.00	2.91	97.00	1.00	33	44	0	0			30	R3			
K-12-0432	53.00	56.00	3.00	2.90	96.67	1.73	58	29	0	0			33	R3			
K-12-0432	56.00	59.00	3.00	2.52	84.00	0.67	22	30	1	1			35	R3			
K-12-0432	59.00	62.00	3.00	2.80	93.33	0.97	32	51	2	11		10	34	R3			
K-12-0432	62.00	65.00	3.00	2.79	93.00	0.52	17	47	3	12		10	33	R3			
K-12-0432	65.00	68.00	3.00	2.73	91.00	0.64	21	50	0	0			33	R3			
K-12-0432	68.00	71.00	3.00	2.96	98.67	0.65	22	45	0	0			33	R3			
K-12-0432	71.00	74.00	3.00	2.94	98.00	1.22	41	42	0	0			32	R3			
K-12-0432	74.00	77.00	3.00	2.99	99.67	1.25	42	38	3	11		10	32	R3			
K-12-0432	77.00	80.00	3.00	2.91	97.00	1.95	65	29	3	12			33	R3			
K-12-0432	80.00	83.00	3.00	2.85	95.00	1.58	53	27	2	11		10	33	R3			
K-12-0432	83.00	86.00	3.00	2.81	93.67	0.77	26	38	0	0			30	R3			
K-12-0432	86.00	89.00	3.00	2.82	94.00	1.59	53	20	2	11		10	31	R3			
K-12-0432	89.00	92.00	3.00	2.83	94.33	1.88	63	16	1	14		10	36	R3			
K-12-0432	92.00	95.00	3.00	2.83	94.33	2.15	72	15	6	15		10	34	R3			
K-12-0432	95.00	98.00	3.00	2.84	94.67	1.68	56	25	2	15		10	34	R3			
K-12-0432	98.00	101.00	3.00	2.74	91.33	0.76	25	29	3	14		10	35	R3			
K-12-0432	101.00	104.00	3.00	2.70	90.00	1.81	60	15	1	14		10	32	R3			
K-12-0432	104.00	107.00	3.00	2.97	99.00	2.10	70	26	0	0			34	R3			
K-12-0432	107.00	110.00	3.00	2.98	99.33	1.90	63	24	1	17		10	32	R3			
K-12-0432	110.00	113.00	3.00	2.68	89.33	0.80	27	54	1	17		1	32	R3			
K-12-0432	113.00	116.00	3.00	2.94	98.00	2.13	71	18	3	11		10	33	R3			
K-12-0432	116.00	119.00	3.00	2.50	83.33	1.07	36	25	1	15			30	R3			
K-12-0432	119.00	122.00	3.00	2.33	77.67	0.63	21	26	7	15		10	33	R3			
K-12-0432	122.00	125.00	3.00	2.66	88.67	0.99	33	19	11	15		10	33	R3			
K-12-0432	125.00	128.00	3.00	2.66	88.67	1.32	44	10	20	27		10	34	R3			
K-12-0432	128.00	131.00	3.00	2.67	89.00	111.00	3700	20	15	15		10	38	R3			
K-12-0432	131.00	134.00	3.00	2.84	94.67	1.97	66	12	12	15		10	33	R3			
K-12-0432	134.00	137.00	3.00	2.49	83.00	1.06	35	19	9	15		10	38	R3			
K-12-0432	137.00	140.00	3.00	2.57	85.67	0.97	32	31	4	17		10	37	R3			
K-12-0432	140.00	143.00	3.00	2.92	97.33	1.52	51	28	0	0			36	R3			
K-12-0432	143.00	146.00	3.00	2.73	91.00	0.94	31	30	5	15		10	33	R3			
K-12-0432	146.00	149.00	3.00	2.74	91.33	1.63	54	19	6	15		10	33	R3			
K-12-0432	149.00	152.00	3.00	2.88	96.00	2.13	71	13	8	27		10	33	R3			
K-12-0432	152.00	155.00	3.00	2.87	95.67	1.97	66	8	11	18		10	32	R3			
K-12-0432	155.00	158.00	3.00	3.00	100.00	2.68	89	16	2	15		10	36	R3			
K-12-0432	158.00	161.00	3.00	2.88	96.00	2.49	83	11	6	18		10	34	R3			
K-12-0432	161.00	164.00	3.00	2.67	89.00	2.14	71	7	6	18		10	33	R3			
K-12-0432	164.00	167.00	3.00	2.92	97.33	1.73	58	21	5	18		10	32	R3			
K-12-0432	167.00	170.00	3.00	2.71	90.33	0.46	15	29	9	18		10	33	R3			
K-12-0438	0.00	5.00	5.00	0.88	17.60	0.21	4										
K-12-0438	5.00	8.00	3.00	1.23	41.00	0.53	18										
K-12-0438	8.00	11.00	3.00	2.70	90.00	0.88	29							37	R3		
K-12-0438	11.00	14.00	3.00	2.61	87.00	0.37	12	53	0	0				37	R3		
K-12-0438	14.00	17.00	3.00	2.92	97.33	0.46	15	68	0	0				36	R3		
K-12-0438	17.00	20.00	3.00	2.71	90.33	1.43	48	42	0	0				38	R3		
K-12-0438	20.00	23.00	3.00	3.00	100.00	1.47	49	36	1	12		10	35	R3			
K-12-0438	23.00	26.00	3.00	2.74	91.33	0.78	26	38	2	12		10	35	R3			
K-12-0438	26.00	29.00	3.00	2.55	85.00	0.75	25	31	1	12		8	34	R3			
K-12-0438	29.00	32.00	3.00	2.81	93.67	1.17	39	29	2	12		10	37	R3			
K-12-0438	32.00	35.00	3.00	2.90	96.67	2.17	72	23	3	12		4	40	R3			

Geotech

Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint_Count	Num_Joint_Sets	Joint_Roughness	Joint_Fill	GSI	IRS_Strong	IRS_Weak	IRS_Category	IRS_Weak_Pct
K-12-0438	35.00	38.00	3.00	2.94	98.00	1.58	53	27	1	12	4	40	R3				
K-12-0438	38.00	41.00	3.00	3.00	100.00	1.37	46	28	4	12	10	40	R3				
K-12-0438	41.00	44.00	3.00	1.54	51.33	0.32	11					30	R3				
K-12-0438	44.00	47.00	3.00	1.67	55.67	0.16	5					33	R3				
K-12-0438	47.00	50.00	3.00	2.43	81.00	0.23	8					32	R3				
K-12-0438	50.00	53.00	3.00	2.12	70.67	0.10	3					32	R3				
K-12-0438	53.00	56.00	3.00	1.45	48.33	0.00	0					35	R3				
K-12-0438	56.00	59.00	3.00	1.10	36.67	0.36	12	17	0	0		34	R3				
K-12-0438	59.00	62.00	3.00	3.00	100.00	1.88	63	30	0	0		34	R3				
K-12-0438	62.00	65.00	3.00	2.22	74.00	0.64	21	40	0	0		33	R3				
K-12-0438	65.00	68.00	3.00	2.91	97.00	1.02	34	34	6	12	10	35	R3				
K-12-0438	68.00	71.00	3.00	1.95	65.00	0.70	23	27	1	12		37	R3				
K-12-0438	71.00	74.00	3.00	2.11	70.33	0.18	6					40	R3				
K-12-0438	74.00	77.00	3.00	2.04	68.00	0.78	26					37	R3				
K-12-0438	77.00	80.00	3.00	2.34	78.00	0.88	29	23	3	12	4	38	R3				
K-12-0438	80.00	83.00	3.00	3.00	100.00	1.00	33					38	R3				
K-12-0438	83.00	86.00	3.00	2.82	94.00	1.17	39	15	10	15	10	36	R3				
K-12-0438	86.00	89.00	3.00	0.48	16.00	0.11	4					38	R3				
K-12-0438	89.00	92.00	3.00	2.34	78.00	1.23	41					38	R3				
K-12-0438	92.00	95.00	3.00	2.42	80.67	0.26	9					37	R3				
K-12-0438	95.00	98.00	3.00	3.00	100.00	0.64	21	45	5	12	10	36	R3				
K-12-0438	98.00	101.00	3.00	2.17	72.33	0.86	29	13	6	21	8	42	R3				
K-12-0438	101.00	104.00	3.00	2.85	95.00	1.41	47	36	0	0		35	R3				
K-12-0438	104.00	107.00	3.00	3.04	101.33	1.64	55	19	10	11	10	37	R3				
K-12-0438	107.00	110.00	3.00	3.00	100.00	2.21	74	15	5	11	10	39	R3				
K-12-0438	110.00	113.00	3.00	3.00	100.00	2.24	75	18	4	11	10	37	R3				
K-12-0438	113.00	116.00	3.00	2.82	94.00	0.37	12	44	3	11	10	34	R3				
K-12-0438	116.00	119.00	3.00	3.00	100.00	0.86	29	43	3	11	10	36	R3				
K-12-0438	119.00	122.00	3.00	2.98	99.33	0.98	33	38	1	11	10	38	R3				
K-12-0438	122.00	125.00	3.00	2.95	98.33	1.49	50	32	2	11	10	38	R3				
K-12-0438	125.00	128.00	3.00	3.00	100.00	2.69	90	14	2	15	4	39	R3				
K-12-0438	128.00	131.00	3.00	2.90	96.67	2.35	78	23	0	0		38	R3				
K-12-0438	131.00	134.00	3.00	2.88	96.00	1.50	50	32	1	12	10	36	R3				
K-12-0438	134.00	137.00	3.00	3.00	100.00	2.15	72	27	0	0		33	R3				
K-12-0438	137.00	140.00	3.00	3.00	100.00	1.58	53	30	2	11	10	35	R3				
K-12-0438	140.00	143.00	3.00	2.90	96.67	1.38	46	29	2	12	10	35	R3				
K-12-0438	143.00	146.00	3.00	3.00	100.00	2.04	68	21	2	11	10	37	R3				
K-12-0438	146.00	149.00	3.00	2.91	97.00	1.96	65	22	0	0		32	R3				
K-12-0438	149.00	152.00	3.00	2.95	98.33	1.73	58	29	5	11	10	34	R3				
K-12-0438	152.00	155.00	3.00	2.90	96.67	1.88	63	20	11	18	4	39	R3				
K-12-0438	155.00	158.00	3.00	3.00	100.00	2.08	69	18	7	15	4	47	R3				
K-12-0438	158.00	161.00	3.00	3.00	100.00	1.43	48	21	8	28	4	43	R3				
K-12-0438	161.00	164.00	3.00	2.84	94.67	1.37	46	17	7	15	4	44	R3				
K-12-0438	164.00	167.00	3.00	2.84	94.67	1.50	50	22	5	17	4	45	R3				
K-12-0438	167.00	170.00	3.00	2.60	86.67	1.42	47	24	9	17	4	44	R3				
K-12-0438	170.00	173.00	3.00	2.65	88.33	1.20	40	20	8	18	10	45	R3				
K-12-0438	173.00	176.00	3.00	2.88	96.00	1.21	40	23	4	12	10	37	R3				
K-12-0438	176.00	179.00	3.00	2.72	90.67	0.78	26					38	R3				
K-12-0438	179.00	182.00	3.00	3.02	100.67	1.67	56	21	7	17	4	45	R3				
K-12-0438	182.00	185.00	3.00	2.94	98.00	2.08	69	9	10	15	4	45	R3				
K-12-0438	185.00	188.00	3.00	2.92	97.33	0.79	26	10	18	15	4	46	R3				
K-12-0438	188.00	191.00	3.00	3.00	100.00	2.38	79	8	9	15	10	49	R3				
K-12-0438	191.00	194.00	3.00	3.00	100.00	1.74	58	10	13	15	10	48	R3				
K-12-0438	194.00	197.00	3.00	2.95	98.33	1.48	49	15	11	25	4	45	R3				
K-12-0438	197.00	200.00	3.00	2.89	96.33	2.10	70	7	15	15	4	46	R3				
K-12-0438	200.00	203.00	3.00	2.96	98.67	0.37	12					44	R3				
K-12-0438	203.00	206.00	3.00	3.00	100.00	0.80	27					37	R3				
K-12-0438	206.00	209.00	3.00	3.00	100.00	2.31	77	22	1	17	4	36	R3				
K-12-0438	209.00	212.00	3.00	2.89	96.33	1.00	33	41	4	12	10	34	R3				
K-12-0438	212.00	215.00	3.00	2.92	97.33	1.38	46	35	3	12	10	34	R3				
K-12-0438	215.00	218.00	3.00	3.00	100.00	2.18	73	14	4	15	10	42	R3				
K-12-0438	218.00	221.00	3.00	3.00	100.00	2.08	69	6	9	18	4	40	R3				
K-12-0438	221.00	224.00	3.00	3.00	100.00	1.35	45	16	7	15	10	45	R3				
K-12-0438	224.00	227.00	3.00	2.80	93.33	1.92	64	8	14	18	4	46	R3				
K-12-0438	227.00	230.00	3.00	3.00	100.00	1.70	57					45	R3				
K-12-0438	230.00	233.00	3.00	3.00	100.00	1.58	53	8	15	15	4	46	R3				

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Hole	From_m	To_m	Interval Length	Recovery_m	Recovery_Pct	RQD_m	RQD_Pct	Fabric Breaks	Joint_Count	Num_Joint_Sets	Joint_Roughness	Joint_Fill	GSI	IRS_Strong	IRS_Weak	IRS_Category	IRS_Weak_Pct
K-12-0438	233.00	236.00	3.00	2.97	99.00	2.38	79	10	13	1	18	4	46	R3			
K-12-0438	236.00	239.00	3.00	2.97	99.00	2.03	68	9	17	1	18	4	46	R3			
K-12-0438	239.00	242.00	3.00	2.97	99.00	2.30	77	12	3	1	15	10	44	R3			
K-12-0438	242.00	245.00	3.00	2.94	98.00	2.18	73	15	8	1	15	4	46	R3			
K-12-0438	245.00	248.00	3.00	3.00	100.00	1.53	51	27	7	1	14	4	41	R3			
K-12-0438	248.00	251.00	3.00	2.95	98.33	2.62	87	13	0	0			34	R3			
K-12-0442	0.00	2.00	2.00	0.13	6.50	0.00	0										
K-12-0442	2.00	5.00	3.00	0.43	14.33	0.00	0										
K-12-0442	5.00	8.00	3.00	2.57	85.67	1.59	53						35	R3			
K-12-0442	8.00	11.00	3.00	2.91	97.00	0.68	23	59	0	0			34	R3			
K-12-0442	11.00	14.00	3.00	2.91	97.00	1.40	47	44	1	1	11	10	34	R3			
K-12-0442	14.00	17.00	3.00	2.97	99.00	1.47	49	32	0	0			34	R3			
K-12-0442	17.00	20.00	3.00	2.75	91.67	1.19	40	35	0	0			35	R3			
K-12-0442	20.00	23.00	3.00	2.92	97.33	0.23	8	68	0	0			36	R3			
K-12-0442	23.00	26.00	3.00	1.95	65.00	0.00	0						34	R3			
K-12-0442	26.00	29.00	3.00	2.70	90.00	0.00	0	97	1	1	2	10	34	R3			
K-12-0442	29.00	32.00	3.00	2.58	86.00	0.10	3	70	0	0			36	R3			
K-12-0442	32.00	35.00	3.00	2.91	97.00	1.03	34	47	2	1	12	10	37	R3			
K-12-0442	35.00	38.00	3.00	2.93	97.67	0.00	0	68	2	1	12	10	36	R3			
K-12-0442	38.00	41.00	3.00	2.62	87.33	0.54	18	47	0	0			38	R3			
K-12-0442	41.00	44.00	3.00	1.63	54.33	0.17	6						38	R3			
K-12-0442	44.00	47.00	3.00	3.00	100.00	1.61	54	32	3	1	11	10	37	R3			
K-12-0442	47.00	50.00	3.00	3.00	100.00	1.80	60	31	0	0			35	R3			
K-12-0442	50.00	53.00	3.00	2.91	97.00	1.37	46	33	3	1	11	10	35	R3			
K-12-0442	53.00	56.00	3.00	2.97	99.00	1.93	64	24	1	1	11	3	38	R3			
K-12-0442	56.00	59.00	3.00	3.00	100.00	2.10	70	25	0	0			39	R3			
K-12-0442	59.00	62.00	3.00	2.96	98.67	2.74	91	7	2	2	22	3	40	R3			
K-12-0442	62.00	65.00	3.00	3.00	100.00	2.80	93	11	2	1	11	3	38	R3			
K-12-0442	65.00	68.00	3.00	2.94	98.00	2.01	67	19	1	1	11	3	38	R3			
K-12-0442	68.00	71.00	3.00	2.94	98.00	2.32	77	21	0	0			37	R3			
K-12-0442	71.00	74.00	3.00	2.97	99.00	2.25	75	21	0	0			39	R3			
K-12-0442	74.00	77.00	3.00	2.98	99.33	1.53	51	28	0	0			36	R3			
K-12-0442	77.00	80.00	3.00	2.61	87.00	1.00	33	32	0	0			35	R3			
K-12-0442	80.00	83.00	3.00	2.93	97.67	0.97	32	36	3	1	11	10	37	R3			
K-12-0442	83.00	86.00	3.00	2.95	98.33	1.84	61	32	1	1	11	10	39	R3			
K-12-0442	86.00	89.00	3.00	3.00	100.00	1.27	42	42	1	1	11	10	37	R3			
K-12-0442	89.00	92.00	3.00	3.00	100.00	2.23	74	26	0	0			39	R3			
K-12-0442	92.00	95.00	3.00	2.95	98.33	1.58	53	37	0	0			37	R3			
K-12-0442	95.00	98.00	3.00	3.00	100.00	1.08	36	38	1	1	11	10	39	R3			
K-12-0442	98.00	101.00	3.00	3.00	100.00	1.31	44	33	2	1	11	10	36	R3			
K-12-0442	101.00	104.00	3.00	2.73	91.00	1.70	57	23	2	1	17	3	45	R3			
K-12-0442	104.00	107.00	3.00	2.96	98.67	1.69	56	31	2	1	18	3	47	R3			
K-12-0442	107.00	110.00	3.00	3.00	100.00	2.57	86	17	2	1	15	10	45	R3			
K-12-0442	110.00	113.00	3.00	2.97	99.00	2.10	70	18	2	1	18	10	47	R3			
K-12-0442	113.00	116.00	3.00	3.00	100.00	2.05	68	18	5	1	17	10	48	R3			
K-12-0442	116.00	119.00	3.00	2.92	97.33	0.97	32	38	6	1	17	4	36	R3			
K-12-0442	119.00	122.00	3.00	2.90	96.67	1.49	50	30	4	1	18	3	49	R3			
K-12-0442	122.00	125.00	3.00	3.00	100.00	2.24	75	24	1	1	17	3	52	R3			
K-12-0442	125.00	128.00	3.00	3.00	100.00	2.39	80	15	7	1	12	10	48	R3			
K-12-0442	128.00	131.00	3.00	2.97	99.00	2.44	81	17	5	1	17	6	49	R3			
K-12-0442	131.00	134.00	3.00	2.30	76.67	1.12	37	39	2	1	11	10	49	R3			
K-12-0442	134.00	137.00	3.00	2.72	90.67	0.89	30	42	0	0			36	R3			
K-12-0442	137.00	140.00	3.00	2.82	94.00	0.34	11						35	R3			
K-12-0442	140.00	143.00	3.00	2.91	97.00	1.78	59	24	3	1	11	10	37	R3			
K-12-0442	143.00	146.00	3.00	2.90	96.67	0.80	27						36	R3			
K-12-0442	146.00	149.00	3.00	2.83	94.33	0.83	28						49	R3			
K-12-0442	149.00	152.00	3.00	2.90	96.67	1.03	34						52	R3			
K-12-0442	152.00	155.00	3.00	3.00	100.00	1.91	64	14	10	1	18	3	51	R3			
K-12-0442	155.00	158.00	3.00	2.83	94.33	1.93	64	27	0	0			48	R3			
K-12-0442	158.00	161.00	3.00	2.92	97.33	1.96	65	16	7	2	22	10	49	R3			
K-12-0442	161.00	164.00	3.00	2.93	97.67	1.76	59	20	12	2	25	10	49	R3			
K-12-0442	164.00	167.00	3.00	2.98	99.33	1.63	54	21	5	1	18	3	49	R3			
K-12-0442	167.00	170.00	3.00	3.00	100.00	1.82	61	30	5	1	18	10	50	R3			
K-12-0442	170.00	173.00	3.00	2.95	98.33	0.67	22	51	0	0			37	R3			
K-12-0442	173.00	176.00	3.00	2.74	91.33	0.24	8						35	R3			
K-12-0442	176.00	179.00	3.00	2.76	92.00	0.00	0	101	0	0			36	R3			

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Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint Count	Num Joint Sets	Joint Roughness	Joint Fill	GSI	IRS Strong	IRS Weak	IRS Category	IRS Weak Pct
K-12-0442	179.00	182.00	3.00	3.00	100.00	0.30	10	85	1	1	2	10	36	R3			
K-12-0442	182.00	185.00	3.00	2.60	86.67	1.57	52						47	R3			
K-12-0442	185.00	188.00	3.00	3.00	100.00	1.96	65	16	5	2	8	3	50	R3			
K-12-0442	188.00	191.00	3.00	2.89	96.33	1.70	57						50	R3			
K-12-0442	191.00	194.00	3.00	2.80	93.33	1.86	62						50	R3			
K-12-0442	194.00	197.00	3.00	2.92	97.33	2.04	68	27	0	0			50	R3			
K-12-0442	197.00	200.00	3.00	2.87	95.67	1.88	63	23	4	1	8	10	48	R3			
K-12-0442	200.00	203.00	3.00	2.77	92.33	2.09	70	17	9		18	5	51	R3			
K-12-0442	203.00	206.00	3.00	3.03	101.00	2.19	73	23	2		18	7	51	R3			
K-12-0442	206.00	209.00	3.00	2.86	95.33	2.45	82	20	1		17	3	39	R3			
K-12-0442	209.00	212.00	3.00	3.00	100.00	1.80	60	25	6		18	3	47	R3			
K-12-0442	212.00	215.00	3.00	2.93	97.67	2.18	73	24	3		18	10	48	R3			
K-12-0442	215.00	218.00	3.00	2.97	99.00	1.82	61	25	4		15	3	37	R3			
K-12-0442	218.00	221.00	3.00	2.91	97.00	2.47	82	10	4		11	10	36	R3			
K-12-0442	221.00	224.00	3.00	2.91	97.00	2.02	67	21	4		17	10	36	R3			
K-12-0442	224.00	227.00	3.00	2.92	97.33	1.78	59						50	R3			
K-12-0442	227.00	230.00	3.00	2.86	95.33	1.26	42						50	R3			
K-12-0442	230.00	233.00	3.00	2.31	77.00	0.47	16						42	R3			
K-12-0442	233.00	236.00	3.00	2.83	94.33	1.15	38						37	R3			
K-12-0442	236.00	239.00	3.00	1.96	65.33	0.10	3						37	R3			
K-12-0442	239.00	242.00	3.00	2.10	70.00	0.37	12						41	R3			
K-12-0442	242.00	245.00	3.00	2.67	89.00	1.24	41						41	R3			
K-12-0442	245.00	248.00	3.00	2.88	96.00	1.21	40	20	5		17	10	43	R3			
K-12-0442	248.00	251.00	3.00	2.83	94.33	2.14	71	12	2		17	4	45	R3			
K-12-0442	251.00	254.00	3.00	2.71	90.33	1.82	61						45	R3			
K-12-0442	254.00	257.00	3.00	2.91	97.00	2.05	68	24	1		17	3	45	R3			
K-12-0442	257.00	260.00	3.00	2.21	73.67	0.77	26						41	R3			
K-12-0442	260.00	263.00	3.00	2.90	96.67	1.24	41	23	5		18	3	41	R3			
K-12-0442	263.00	266.00	3.00	3.00	100.00	1.81	60	17	3		18	6	41	R3			
K-12-0442	266.00	269.00	3.00	2.92	97.33	1.61	54	21	5		15	10	40	R3			
K-12-0442	269.00	272.00	3.00	2.81	93.67	2.02	67						40	R3			
K-12-0442	272.00	275.00	3.00	3.00	100.00	1.86	62	15	8		18	3	44	R3			
K-12-0442	275.00	278.00	3.00	3.00	100.00	1.77	59	8	6		18	3	40	R3			
K-12-0442	278.00	281.00	3.00	2.50	83.33	1.16	39						42	R3			
K-12-0442	281.00	284.00	3.00	1.70	56.67	0.45	15						41	R3			
K-12-0442	284.00	287.00	3.00	3.00	100.00	1.37	46	25	7		12	10	41	R3			
K-12-0442	287.00	290.00	3.00	2.12	70.67	0.12	4						42	R3			
K-12-0442	290.00	293.00	3.00	2.00	66.67	0.23	8						37	R3			
K-12-0442	293.00	296.00	3.00	2.84	94.67	1.29	43						42	R3			
K-12-0442	296.00	299.00	3.00	3.00	100.00	1.76	59	18	3		18	7	42	R3			
K-12-0442	299.00	302.00	3.00	2.91	97.00	2.01	67						44	R3			
K-12-0442	302.00	305.00	3.00	2.98	99.33	1.14	38						44	R3			
K-12-0442	305.00	308.00	3.00	2.15	71.67	0.33	11	32	2		17	10	42	R3			
K-12-0442	308.00	311.00	3.00	2.90	96.67	0.35	12						44	R3			
K-12-0442	311.00	314.00	3.00	3.02	100.67	0.73	24						44	R3			
K-12-0442	314.00	317.00	3.00	3.00	100.00	0.61	20	43	4		18	3	45	R3			
K-12-0442	317.00	320.00	3.00	2.88	96.00	0.27	9	71	1		18	3	39	R3			
K-12-0442	320.00	323.00	3.00	2.84	94.67	0.56	19						44	R3			
K-12-0442	323.00	326.00	3.00	2.32	77.33	0.55	18						43	R3			
K-12-0442	326.00	329.00	3.00	2.79	93.00	0.66	22						45	R3			
K-12-0442	329.00	332.00	3.00	3.00	100.00	0.23	8						37	R3			
K-12-0442	332.00	335.00	3.00	2.84	94.67	0.88	29						41	R3			
K-12-0442	335.00	338.00	3.00	3.03	101.00	1.96	65	17	2		17	4	42	R3			
K-12-0442	338.00	341.00	3.00	2.87	95.67	1.28	43						42	R3			
K-12-0442	341.00	344.00	3.00	3.00	100.00	0.78	26						42	R3			
K-12-0442	344.00	347.00	3.00	3.00	100.00	0.00	0						42	R3			
K-12-0442	347.00	350.00	3.00	2.92	97.33	0.55	18						39	R1			
K-12-0442	350.00	353.00	3.00	1.40	46.67	0.00	0						39	R1			
K-12-0442	353.00	356.00	3.00	2.03	67.67	0.38	13						41	R3			
K-12-0442	356.00	359.00	3.00	2.91	97.00	1.21	40	35	5		17	4	42	R3			
K-12-0442	359.00	362.00	3.00	3.04	101.33	1.19	40	35	5		18	3	44	R3			
K-12-0442	362.00	365.00	3.00	2.90	96.67	1.57	52	28	4		17	3	44	R3			
K-12-0442	365.00	368.00	3.00	2.81	93.67	0.19	6						42	R3			
K-12-0442	368.00	371.00	3.00	2.85	95.00	1.23	41						44	R3			
K-12-0442	371.00	374.00	3.00	2.97	99.00	2.38	79	17	1		12	3	44	R3			
K-12-0442	374.00	377.00	3.00	3.00	100.00	1.79	60	29	4		14	3	45	R3			

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Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint Count	Num_Joint_Sets	Joint Roughness	Joint Fill	GSI	IRS Strong	IRS Weak	IRS Category	IRS Weak Pct
K-12-0442	377.00	380.00	3.00	3.00	100.00	1.21	40	49	2	1	17	10	47	R3			
K-12-0442	380.00	383.00	3.00	2.67	89.00	0.10	3						40	R3			
K-12-0442	383.00	386.00	3.00	2.95	98.33	0.86	29	38	9	17	3	47	R3				
K-12-0442	386.00	389.00	3.00	1.81	60.33	0.10	3	57	3	12	10	37	R3				
K-12-0442	389.00	392.00	3.00	2.50	83.33	0.75	25	17	2	14	10	32	R1				
K-12-0442	392.00	395.00	3.00	2.36	78.67	0.84	28					41	R3				
K-12-0442	395.00	398.00	3.00	2.81	93.67	1.06	35	46	5	15	3	48	R3				
K-12-0442	398.00	401.00	3.00	2.45	81.67	0.36	12					45	R3				
K-12-0442	401.00	404.00	3.00	2.15	71.67	0.00	0					45	R3				
K-12-0442	404.00	407.00	3.00	1.89	63.00	0.14	5					45	R3				
K-12-0442	407.00	410.00	3.00	2.28	76.00	0.84	28					48	R3				
K-12-0442	410.00	413.00	3.00	1.95	65.00	0.11	4					47	R3				
K-12-0442	413.00	416.00	3.00	1.81	60.33	0.00	0					45	R3				
K-12-0442	416.00	419.00	3.00	1.92	64.00	0.34	11					37	R3				
K-12-0442	419.00	422.00	3.00	2.89	96.33	0.86	29					38	R3				
K-12-0442	422.00	425.00	3.00	2.82	94.00	0.58	19					40	R3				
K-12-0442	425.00	428.00	3.00	2.03	67.67	0.40	13					41	R3				
K-12-0442	428.00	431.00	3.00	2.42	80.67	0.61	20					38	R3				
K-12-0442	431.00	434.00	3.00	2.52	84.00	0.30	10					44	R3				
K-12-0442	434.00	437.00	3.00	2.88	96.00	0.17	6	63	0	0		39	R3				
K-12-0442	437.00	440.00	3.00	2.82	94.00	1.13	38					39	R3				
K-12-0442	440.00	443.00	3.00	2.70	90.00	0.14	5					45	R3				
K-12-0442	443.00	446.00	3.00	1.79	59.67	0.82	27					40	R3				
K-12-0442	446.00	449.00	3.00	3.00	100.00	2.07	69	15	3	26	3	45	R3				
K-12-0442	449.00	452.00	3.00	2.90	96.67	2.29	76	13	7	28	10	50	R3				
K-12-0442	452.00	455.00	3.00	2.89	96.33	1.56	52	17	8	18	10	50	R3				
K-12-0442	455.00	458.00	3.00	2.96	98.67	1.31	44	22	9	18	10	48	R3				
K-12-0442	458.00	461.00	3.00	3.00	100.00	1.78	59	15	5	18	7	47	R3				
K-12-0442	461.00	464.00	3.00	2.87	95.67	1.86	62	18	7	18	3	50	R3				
K-12-0442	464.00	467.00	3.00	3.00	100.00	1.54	51	33	2	18	10	49	R3				
K-12-0442	467.00	470.00	3.00	3.00	100.00	2.88	96	4	6	18	10	49	R3				
K-12-0442	470.00	473.00	3.00	2.96	98.67	2.15	72	14	7	18	10	49	R3				
K-12-0442	473.00	476.00	3.00	2.95	98.33	0.15	5	15	4	17	10	47	R3				
K-12-0442	476.00	479.00	3.00	2.96	98.67	2.18	73	17	3	28	4	48	R3				
K-12-0442	479.00	482.00	3.00	2.34	78.00	0.89	30					47	R3				
K-12-0450	0.00	2.00	2.00	0.09	4.50	0.00	0										
K-12-0450	2.00	5.00	3.00	0.30	10.00	0.11	4										
K-12-0450	5.00	8.00	3.00	2.93	97.67	0.15	5						34	R3			
K-12-0450	8.00	11.00	3.00	1.26	42.00	0.00	0						34	R3			
K-12-0450	11.00	14.00	3.00	2.44	81.33	0.25	8	42	1	15	9	33	R3				
K-12-0450	14.00	17.00	3.00	0.89	29.67	0.00	0						32	R3			
K-12-0450	17.00	20.00	3.00	3.00	100.00	1.08	36	35	2	12	9	34	R3				
K-12-0450	20.00	23.00	3.00	2.77	92.33	0.51	17	43	1	18	3	32	R3				
K-12-0450	23.00	26.00	3.00	2.61	87.00	1.00	33	24	1	18	3	33	R3				
K-12-0450	26.00	29.00	3.00	2.54	84.67	1.15	38	23	4	11	9	33	R3				
K-12-0450	29.00	32.00	3.00	2.66	88.67	1.84	61	18	2	15	9	35	R3				
K-12-0450	32.00	35.00	3.00	2.56	85.33	1.35	45	27	2	18	9	37	R3				
K-12-0450	35.00	38.00	3.00	2.27	75.67	1.11	37	27	0	0		34	R3				
K-12-0450	38.00	41.00	3.00	2.87	95.67	0.51	17	48	0	0		30	R3				
K-12-0450	41.00	44.00	3.00	2.45	81.67	1.82	61	14	0	0		30	R3				
K-12-0450	44.00	47.00	3.00	3.00	100.00	0.99	33	11	1	15	10	30	R3				
K-12-0450	47.00	50.00	3.00	2.13	71.00	0.63	21	32	3	11	10	30	R3				
K-12-0450	50.00	53.00	3.00	2.79	93.00	2.00	67	17	3	11	10	35	R4				
K-12-0450	53.00	56.00	3.00	2.60	86.67	0.94	31	12	3	14	10	34	R4				
K-12-0450	56.00	59.00	3.00	2.47	82.33	2.01	67	5	1	12	10	33	R4				
K-12-0450	59.00	62.00	3.00	2.90	96.67	1.70	57	14	3	14	10	32	R3				
K-12-0450	62.00	65.00	3.00	2.48	82.67	1.31	44	14	6	11	10	32	R3				
K-12-0450	65.00	68.00	3.00	2.79	93.00	2.46	82	6	2	11	10	30	R3				
K-12-0450	68.00	71.00	3.00	2.44	81.33	1.84	61	16	4	14	10	33	R3				
K-12-0450	71.00	74.00	3.00	2.64	88.00	2.43	81	11	0	0		43	R3				
K-12-0450	74.00	77.00	3.00	2.88	96.00	2.18	73	16	2	14	10	33	R3				
K-12-0450	77.00	80.00	3.00	2.80	93.33	2.20	73	18	2	14	10	30	R3				
K-12-0450	80.00	83.00	3.00	2.43	81.00	1.43	48	20	3	11	10	30	R3				
K-12-0450	83.00	86.00	3.00	2.69	89.67	1.39	46	23	1	12	10	30	R4				
K-12-0450	86.00	89.00	3.00	2.64	88.00	0.90	30	23	4	18	10	42	R3				
K-12-0450	89.00	92.00	3.00	2.86	95.33	1.85	62	17	3	14	10	30	R3				

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Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint Count	Num_Joint_Sets	Joint Roughness	Joint Fill	GSI	IRS Strong	IRS Weak	IRS Category	IRS Weak Pct
K-12-0450	92.00	95.00	3.00	2.40	80.00	1.15	38	10	3	1	8	5	30	R3			
K-12-0450	95.00	98.00	3.00														
K-12-0450	98.00	101.00	3.00	2.67	89.00	1.44	48	9	0	0			37	R2			
K-12-0450	101.00	104.00	3.00	2.84	94.67	1.73	58	22	1	1	4	10	38	R3			
K-12-0450	104.00	107.00	3.00	2.53	84.33	1.41	47	15	0	0			38	R3			
K-12-0450	107.00	110.00	3.00	2.59	86.33	1.51	50	17	0	0			33	R3			
K-12-0450	110.00	113.00	3.00	1.51	50.33	0.60	20	3	0	0			30	R4			
K-12-0450	113.00	116.00	3.00	2.64	88.00	1.01	34	28	3	1	1	10	32	R4			
K-12-0450	116.00	119.00	3.00	2.13	71.00	0.62	21	27	2	1	1	10	32	R3			
K-12-0450	119.00	122.00	3.00	2.14	71.33	0.30	10	33	0	0			33	R3			
K-12-0450	122.00	125.00	3.00	2.53	84.33	1.26	42	19	0	0			32		R0	S6	7
K-12-0450	125.00	128.00	3.00	2.58	86.00	0.92	31	32	1	0	1	10	30	R3			
K-12-0450	128.00	131.00	3.00	2.21	73.67	0.31	10	37	4	1	8	10	32	R3			
K-12-0450	131.00	134.00	3.00	2.86	95.33	1.82	61	27	4	1	1	10	34	R3			
K-12-0450	134.00	137.00	3.00	2.80	93.33	1.68	56	22	0	0			32	R3			
K-12-0450	137.00	140.00	3.00	2.63	87.67	2.08	69	15	0	0			30	R3			
K-12-0450	140.00	143.00	3.00	2.60	86.67	1.73	58	20	0	0			32	R3			
K-12-0450	143.00	146.00	3.00	2.62	87.33	0.62	21	33	0	0			33	R3			
K-12-0450	146.00	149.00	3.00	2.61	87.00	0.92	31	25	1	1	1	10	30	R3			
K-12-0450	149.00	152.00	3.00	2.55	85.00	0.61	20	31	2	1	1	10	30	R3			
K-12-0450	152.00	155.00	3.00	2.71	90.33	1.32	44	14	2	1	7	10	40	R3			
K-12-0450	155.00	158.00	3.00	22.65	755.00	0.52	17	20	6	1	7	10	42	R3			
K-12-0450	158.00	161.00	3.00	2.40	80.00	0.52	17	25	10	1	5	10	43	R3			
K-12-0450	161.00	164.00	3.00	2.67	89.00	1.34	45	9	0	0			44	R4			
K-12-0457	0.00	2.00	2.00	0.09	4.50	0.00	0										
K-12-0457	2.00	5.00	3.00	0.17	5.67	0.00	0										
K-12-0457	5.00	8.00	3.00	0.47	15.67	0.00	0	16	0	0			34	R3			
K-12-0457	8.00	11.00	3.00	0.85	28.33	0.00	0						33	R3			
K-12-0457	11.00	14.00	3.00	2.90	96.67	0.10	3						32	R2			
K-12-0457	14.00	17.00	3.00	1.83	61.00	0.41	14						32	R2			
K-12-0457	17.00	20.00	3.00	2.22	74.00	0.34	11						35	R3			
K-12-0457	20.00	23.00	3.00	2.76	92.00	0.77	26	48	1	1	2	9	36	R3			
K-12-0457	23.00	26.00	3.00	3.00	100.00	1.44	48	27	2	1	2	9	35	R3			
K-12-0457	26.00	29.00	3.00	2.84	94.67	1.23	41	19	2	1	2	9	34	R3			
K-12-0457	29.00	32.00	3.00	2.97	99.00	1.55	52	26	0	0			31	R3			
K-12-0457	32.00	35.00	3.00	2.75	91.67	0.91	30	29	0	0			33	R3			
K-12-0457	35.00	38.00	3.00	3.00	100.00	1.04	35	44	0	0			33	R3			
K-12-0457	38.00	41.00	3.00	2.87	95.67	0.80	27	42	0	0			33	R3			
K-12-0457	41.00	44.00	3.00	2.38	79.33	0.66	22	33	0	0			34	R3			
K-12-0457	44.00	47.00	3.00	2.91	97.00	2.19	73	17	0	0			35	R3			
K-12-0457	47.00	50.00	3.00	3.04	101.33	2.08	69	13	1	1	2	3	36	R3			
K-12-0457	50.00	53.00	3.00	3.00	100.00	1.43	48	17	4	1	2	3	36	R3			
K-12-0457	53.00	56.00	3.00	2.84	94.67	1.25	42	23	0	0			35	R3			
K-12-0457	56.00	59.00	3.00	2.82	94.00	2.16	72	11	5	1	2	3	37	R3			
K-12-0457	59.00	62.00	3.00	3.00	100.00	1.66	55	26	2	1	2	3	36	R3			
K-12-0457	62.00	65.00	3.00	3.00	100.00	2.00	67	22	2	1	2	3	36	R3			
K-12-0457	65.00	68.00	3.00	2.93	97.67	1.61	54	24	2	1	2	3	34	R3			
K-12-0457	68.00	71.00	3.00	2.88	96.00	1.51	50	16	3	1	2	3	32	R3			
K-12-0457	71.00	74.00	3.00	2.97	99.00	1.57	52	26	2	1	2	3	37	R3			
K-12-0457	74.00	77.00	3.00	2.95	98.33	1.44	48	20	1	1	7	3	36	R3			
K-12-0457	77.00	80.00	3.00	3.00	100.00	1.39	46	18	1	1	5	3	36	R3			
K-12-0457	80.00	83.00	3.00	3.00	100.00	1.17	39	13	1	1	7	10	34	R3			
K-12-0457	83.00	86.00	3.00	2.61	87.00	0.66	22	11	2	1	4	10	37	R3			
K-12-0457	86.00	89.00	3.00	3.02	100.67	1.73	58	23	1	1	7	10	33	R3			
K-12-0457	89.00	92.00	3.00	2.94	98.00	2.20	73	12	2	1	7	10	34	R3			
K-12-0457	92.00	95.00	3.00	2.90	96.67	1.37	46	25	0	0			35	R3			
K-12-0457	95.00	98.00	3.00	3.00	100.00	1.86	62	21	0	0			33	R3			
K-12-0457	98.00	101.00	3.00	3.00	100.00	2.14	71	14	3	1	2	3	37	R3			
K-12-0457	101.00	104.00	3.00	2.78	92.67	2.09	70	19	4	1	2	3	33	R3			
K-12-0457	104.00	107.00	3.00	2.46	82.00	0.29	10	52	1	1	7	10	28	R1			
K-12-0457	107.00	110.00	3.00	2.76	92.00	1.38	46	21	3	1	1	10	29	R3			
K-12-0457	110.00	113.00	3.00	3.00	100.00	1.81	60	21	1	1	1	10	31	R3			
K-12-0457	113.00	116.00	3.00	2.83	94.33	0.97	32	38	3	1	1	10	30	R3			
K-12-0457	116.00	119.00	3.00	2.76	92.00	0.42	14	38	3	1	1	10	31	R3			
K-12-0457	119.00	122.00	3.00	2.36	78.67	0.32	11						35	R3			
K-12-0457	122.00	125.00	3.00	2.61	87.00	0.71	24						34	R3			

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Hole	From_m	To_m	Interval Length	Recovery_m	Recovery Pct	RQD_m	RQD Pct	Fabric Breaks	Joint_Count	Num_Joint_Sets	Joint_Roughness	Joint_Fill	GSI	IRS_Strong	IRS_Weak	IRS_Category	IRS_Weak_Pct
K-12-0457	125.00	128.00	3.00	2.92	97.33	0.66	22	31	0	0			36	R3			
K-12-0457	128.00	131.00	3.00	2.75	91.67	0.46	15	55	0	0			34	R2			
K-12-0457	131.00	134.00	3.00	2.91	97.00	0.80	27	47	4	12		3	36	R3			
K-12-0457	134.00	137.00	3.00	2.87	95.67	1.20	40	42	7	12		3	37	R3			
K-12-0457	137.00	140.00	3.00	2.92	97.33	0.90	30	29	8	18		10	36	R3			
K-12-0457	140.00	143.00	3.00	3.00	100.00	2.06	69	14	8	17		10	41	R3			
K-12-0457	143.00	146.00	3.00	2.94	98.00	1.48	49	17	5	17		10	42	R3			
K-12-0457	146.00	149.00	3.00	2.91	97.00	2.11	70	7	15	18		6	45	R3			
K-12-0457	149.00	152.00	3.00	2.90	96.67	1.92	64	12	6	27		3	47	R3			
K-12-0457	152.00	155.00	3.00	2.96	98.67	0.80	27						46	R3			
K-12-0457	155.00	158.00	3.00	2.83	94.33	0.74	25						45	R3			
K-12-0457	158.00	161.00	3.00	2.78	92.67	0.99	33	22	8	28		3	44	R3			
K-12-0457	161.00	164.00	3.00	2.91	97.00	1.17	39	34	2	11		10	34	R3			
K-12-0457	164.00	167.00	3.00	2.78	92.67	0.75	25	25	5	18		3	35	R3			
K-12-0462	0.00	7.08	7.08														
K-12-0462	7.08	8.00	0.92	0.92	100.00	0.00	0	35	0	0			30	R3			
K-12-0462	8.00	11.00	3.00	2.25	75.00	0.20	7	47	2	1			33	R3			
K-12-0462	11.00	14.00	3.00	1.27	42.33	0.23	8	15	2	1			34	R3			
K-12-0462	14.00	17.00	3.00	2.37	79.00	0.21	7	32	3	1			48	R4			
K-12-0462	17.00	20.00	3.00	2.21	73.67	0.44	15	23	3	1			44	R3			
K-12-0462	20.00	23.00	3.00	1.37	45.67	0.10	3	27	1	15		10	33	R3			
K-12-0462	23.00	26.00	3.00	1.73	57.67	0.00	0	30	0	0			32	R3			
K-12-0462	26.00	29.00	3.00	2.24	74.67	0.10	3	41	0	0			32	R3			
K-12-0462	29.00	32.00	3.00	2.83	94.33	0.92	31	22	0	0			33	R5			
K-12-0462	32.00	35.00	3.00	2.74	91.33	0.90	30	37	3	18		10	30	R4			
K-12-0462	35.00	38.00	3.00	2.59	86.33	0.86	29	25	1	18		10	33	R4			
K-12-0462	38.00	41.00	3.00	2.79	93.00	1.17	39	29	0	0			33	R4			
K-12-0462	41.00	44.00	3.00	2.73	91.00	0.97	32	22	0	0			30	R3			
K-12-0462	44.00	47.00	3.00	2.84	94.67	1.03	34	28	0	0			30	R3			
K-12-0462	47.00	50.00	3.00	2.75	91.67	1.44	48	22	0	0			32	R3			
K-12-0462	50.00	53.00	3.00	2.78	92.67	1.67	56	24	0	0			30	R3			
K-12-0462	53.00	56.00	3.00	2.90	96.67	1.78	59	16	3	18		10	33	R3			
K-12-0462	56.00	59.00	3.00	2.78	92.67	1.63	54	23	0	0			30	R3			
K-12-0462	59.00	62.00	3.00	2.92	97.33	1.65	55	26	2	15		10	30	R3			
K-12-0462	62.00	65.00	3.00	2.63	87.67	0.52	17	32	0	0			30	R3			
K-12-0462	65.00	68.00	3.00	2.90	96.67	1.68	56	25	1	12		10	30	R3			
K-12-0462	68.00	71.00	3.00	2.77	92.33	1.34	45	17	1	18		10	33	R3			
K-12-0462	71.00	74.00	3.00	2.83	94.33	2.15	72	15	1	18		10	33	R3			
K-12-0462	74.00	77.00	3.00	2.93	97.67	2.60	87	14	0	0			32	R3			
K-12-0462	77.00	80.00	3.00	2.91	97.00	2.39	80	18	0	0			32	R3			
K-12-0482	0.00	13.27	13.27														
K-12-0482	13.27	14.00	0.73	0.72	98.63	0.40	55	7	3	11		9	32	R3			
K-12-0482	14.00	17.00	3.00	1.61	53.67	0.20	7	33	5	11		9	42	R3			
K-12-0482	17.00	20.00	3.00	1.55	51.67	0.37	12	24	6	17		9	46	R6			
K-12-0482	20.00	23.00	3.00	0.82	27.33	0.00	0	28	4	15		9	46	R6			
K-12-0482	23.00	26.00	3.00	0.42	14.00	0.00	0						30	R5			
K-12-0482	26.00	29.00	3.00	1.14	38.00	0.13	4	17	3	14		10	32	R3			
K-12-0482	29.00	32.00	3.00	0.72	24.00	0.00	0	22	1	14		10	32	R3			
K-12-0482	32.00	35.00	3.00	1.33	44.33	0.11	4	17	3	12		10	30	R3			
K-12-0482	35.00	38.00	3.00	0.59	19.67	0.00	0	12	0				30	R3			
K-12-0482	38.00	41.00	3.00	1.25	41.67	0.11	4	19	4	14		10	30	R3			
K-12-0482	41.00	44.00	3.00	1.24	41.33	0.35	12	11	3	12		10	34	R3			
K-12-0482	44.00	47.00	3.00	1.00	33.33	0.10	3										
K-12-0482	47.00	50.00	3.00	0.97	32.33	0.22	7	10	3	18		10	34	R3			
K-12-0482	50.00	53.00	3.00	2.33	77.67	1.08	36	18	4	11		10	31	R3			
K-12-0482	53.00	56.00	3.00	2.49	83.00	1.09	36	26	3	11		10	30	R3			
K-12-0482	56.00	59.00	3.00	1.41	47.00	0.12	4	20	5	14		10	32	R3			
K-12-0482	59.00	62.00	3.00	0.52	17.33	0.00	0						33	R3			
K-12-0482	62.00	65.00	3.00	0.87	29.00	0.00	0	11	1	14		10	33	R3			

Lithology

Hole	From_m	To_m	Lith1	Lith1_Pct	Lith2	Lith2_Pct	Mod1	Mod2	Colour	Comments
K-12-0432	0.00	8.00	OVB	100						
K-12-0432	8.00	38.06	GSCH	100					dark grey	Oxidized. Well developed schistose FN, metamorphic qtz sweats throughout (in assn with dol blebs), hydrothermal qtz veinlets (some hosting small py blebs) cutting FN in upper 20m of unit. FN displays a highly variable angle to the core axis and crenulations as well as kink folds are common. Disseminated (cubic, euhedral) and metamorphic py along FN. Py and pyh beds common throughout (possibly a replacement texture). Tension fractures cemented by cal and py common throughout (1-2cm thick). Small py, sp and sd blebs at 32.33m, 10cm fault at 35.37m (gougy material). Pyh also present as blebs along FN near lower contact.
K-12-0432	38.06	42.80	SSCH	100			chl		green	30% chloritic (darker green), well developed schistose FN. Metamorphic qtz (in association with chlorite and carbonate blebs) content is high and the SSCH is silica rich in general. Qtz grits common. Metamorphic and euhedral disseminated py along FN. Hydrothermal qtz veinlets cut FN and host carbonate and chl blebs. Abundant pyh present as blebs along FN and thin laminations along FN. Lower contact with VN is sharp and irregular.
K-12-0432	42.80	43.38	VN	100					white	Unmineralized qtz vein hosting carbonate blebs, sericite blebs, and minor fine-grained py.
K-12-0432	43.38	46.57	SSCH	70	GSCH	30	c		green	Well developed schistose FN, high % of metamorphic qtz bands (associated with carbonate and trace fuchsite blebs) intercalated with schist. Calcite and dolomite replacement along FN (intervals of up to 10cm are intensely calcareous). Py and pyh along FN throughout.
K-12-0432	46.57	57.70	GSCH	100					black	Well developed schistose FN, metamorphic py along FN, py rich bands along FN (replacement texture), trace pyh, metamorphic qtz banding in association with carbonate blebs common, minor hydrothermal qtz stringers. Tensional fractures, infilled with qtz and py (1-2cm width) common. 10-15cm pinpoint vuggy beds.
K-12-0432	57.70	67.41	SSCH	100			cty		green	Variable schistose FN, qtz grits common throughout. Metamorphic qtz banding in association with chl and carbonate blebs, metamorphic py blebs along FN. Minor pyh blebs along FN. Hydrothermal qtz veinlets, frequent silica rich intervals.
K-12-0432	67.41	67.69	VN	100					white	Unmineralized qtz vein hosting py and pyh blebs (up to 2cm in thickness).
K-12-0432	67.69	72.84	SSCH	100					green	Well developed schistose FN, variable angle TCA. Metamorphic qtz banding up to 10cm thick hosting carbonate blebs, hydrothermal qtz veinlets and stringers cutting FN hosting minor pyh and chl blebs. Grey intervals up to 3cm thick of what appears to be calcareous quartzite are common. Qtz grits as well as py and pyh blebs along FN are also common.
K-12-0432	72.84	75.66	GSCH	80	SSCH	20	c		dark grey	Interbedded SSCH and GSCH. Calcareous beds and laminations throughout. Disseminated and metamorphic py along FN, metamorphic qtz sweats hosting carbonate blebs, thin calcite filled fractures.
K-12-0432	75.66	82.44	SSCH	100			cty		green	Well developed schistose FN, fairly consistent angle TCA, qtz grits pervasive throughout entire unit, metamorphic qtz banding along FN hosting carbonate blebs. Unit is silica rich (cherty?), towards lower contact becomes very dark, possibly chloritic. Calcite filled fractures, pyh and py blebs common along FN, hydrothermal qtz stringers in assn with carbonate and chl blebs.
K-12-0432	82.44	87.35	GSCH	100			cty		black	Well developed schistose FN, variable angle to core axis, crenulations common. Disseminated (euhedral, cubic) and metamorphic py along FN, metamorphic qtz banding in assn with carbonate and py blebs. Silica rich (cherty?).
K-12-0432	87.35	89.07	SSCH	100					green	Well developed schistose FN, steepened (low angle TCA). Graphitic bands become common towards lower contact, metamorphic qtz banding throughout in assn with carbonate and chl blebs. Minor metamorphic py and pyh along FN.
K-12-0432	89.07	92.05	GSCH	100					dark grey	Well developed schistose FN, crenulations and kink folds common. Metamorphic py along FN, dolomite replacement throughout, metamorphic qtz banding throughout in assn with carbonate blebs, sericitic laminations. Hydrothermal qtz veinlet in assn with carbonate, chl and py blebs.
K-12-0432	92.05	100.14	SSCH	100					green	Well developed schistose FN, steepened intervals. Disseminated and metamorphic py along FN, metamorphic qtz sweats throughout (lower occurrence towards base of interval) in assn with carbonate blebs. Py rich beds (euhedral), replacement texture. Minor hydrothermal qtz stringers in assn with chl.
K-12-0432	100.14	113.21	GSCH	90	SSCH	10			black	Well developed schistose FN, variable angle TCA (steepened intervals), crenulations and small kink folds common. Metamorphic qtz banding in assn with carbonate and chl blebs. Metamorphic and disseminated py along FN, py rich bands common (replacement texture). Small intervals (4cm thick) showing tensional fractures infilled with qtz and py. Calcite filled hairline fractures parallel to core axis starting at 110.40m.
K-12-0432	113.21	115.09	SSCH	100			cty		green	Well developed schistose FN, silica rich, FN is distorted (folded, crenulated etc.), metamorphic qtz banding in assn with carbonate blebs, minor py along FN. Hydrothermal qtz veinlet at lower contact in assn with carbonate blebs.
K-12-0432	115.09	117.42	GSCH	70	SSCH	30				Dark green, interbedded sericite and graphitic schist. Sericite schist is very dark, may be chloritic. Sheared up/faulted material at 117m (contact between GSCH and a small SSCH interval at base of unit). Well developed schistose FN, crenulations common. Metamorphic qtz sweats in assn with carbonate blebs throughout. Small sinuous qtz-py stringers in GSCH. Metamorphic and disseminated py along FN.
K-12-0432	117.42	119.18	GSCH	100					dark grey	Well developed schistose FN, crenulations and kink folds common, highly deformed/sheared. Metamorphic qtz bands common which have a vuggy texture, hydrothermal qtz veinlets also present. Metamorphic and disseminated py along FN. Minor py, cal, sp and sd blebs at 119m.
K-12-0432	119.18	129.77	QTZT	100			c		light grey	Thin graphitic schist intervals somewhat common, otherwise massive. Calcareous beds common, metamorphic qtz sweats throughout (some associated with large calcite blebs), calcite and hydrothermal qtz stringers (and veinlets) cut FN. Metamorphic py along FN in GSCH. Minor py stringers in QTZT.
K-12-0432	129.77	131.00	CQTZT	100			c		light grey	Massive calcareous QTZT.
K-12-0432	131.00	142.02	QTZT	100			c		light grey	Massive, minor GSCH intervals hosting metamorphic py along FN. Metamorphic qtz sweats throughout in association with calcite and trace fuchsite blebs. Hydrothermal qtz stringers host chl and minor py blebs, calcite stringers throughout. Calcareous beds common.

Lithology

Hole	From_m	To_m	Lith1	Lith1_Pct	Lith2	Lith2_Pct	Mod1	Mod2	Colour	Comments
K-12-0432	142.02	143.65	GSCH	100					dark grey	Well developed schistose FN, crenulations and small kink folds common, dol replacement texture along select bands. Metamorphic qtz sweats in assn with carbonate blebs, metamorphic and disseminated py along FN, also present in concentrated bands (replacement texture).
K-12-0432	143.65	164.00	QTZT	100			c		light grey	Massive QTZT with minor GSCH intervals (heavily deformed and folded, hosting py blebs), metamorphic qtz sweats throughout sometimes hosting carbonate blebs. Hydrothermal qtz stringers (some in assn with cal and chl), minor py stringers throughout, trace sd in qtz stringer, calcite stringers common, calcareous beds common. Two shear zones intercepted consisting mainly of graphitic schist, gougy material, and minor fault breccia (at 177.04m and 180.26m).
K-12-0432	164.00	165.33	GSCH	100					dark grey	QTZT rich GSCH, hard, highly deformed, large proportion of hydrothermal and metamorphic qtz.
K-12-0432	165.33	198.25	QTZT	100						No discernable difference from previous QTZT interval.
K-12-0438	0.00	8.15	OVb	100						
K-12-0438	8.15	52.70	GSCH	100					dark grey	foliation displays infrequent/ gradual folding and undulation; minor faults @ 20 - 20.2m, 31.15 - 31.58m (fault zone), 40.8 - 41.1m, 41.4 - 41.8m, 46.5 - 47 (fault zone), and 50.7 - 50.75; less competent zone occurring @ 41 - 47.2m
K-12-0438	52.70	56.00	SSCH	100						soft ssch with frequent gsch horizons; frequent cleaving along foliation
K-12-0438	56.00	71.00	GSCH	100						anomalous gnst occurrence at beginning of run (56.1 - 56.2m); gradual/ minor angular change of foliation, minor zones contorted/ undulating foliation
K-12-0438	71.00	97.68	SSCH	100					green-grey	gradual decrease in foliation angle; sub parallel TCA from 82.7 - 87m; large scale fold from 83.7 - 85m; fault @ 78.75 - 78.87m
K-12-0438	97.68	100.50	GSCH	100					light grey	competent gsch with cal mineralized vn/stringers
K-12-0438	100.50	110.86	SSCH	20	GSCH	80			green-grey	large zones of gsch with sericite horizons grading into zones of primarily ssch; frequent vn mineralization
K-12-0438	110.86	117.60	GSCH	100					light grey	competent gsch with uniform foliation
K-12-0438	117.60	131.41	SSCH	70	GSCH	30			green-grey	intervals of gsch with sericite horizons; competent schist with uniform foliation
K-12-0438	131.41	141.29	GSCH	100					grey	competent gsch with gradually fluctuating foliation angle
K-12-0438	141.29	146.30	SSCH	100					green-grey	competent ssch with infrequent gsch horizons; uniform foliation
K-12-0438	146.30	150.80	GSCH	100					grey	competent gsch with minor zones/horizons of ssch
K-12-0438	150.80	163.94	QTZT	100					medium grey	massive qtzt with minor zones/horizons of gsch; mrz @ 162.25 - 162.4m
K-12-0438	163.94	165.08	CQTZT	100					medium grey	massive cqtzt with minor gsch zone
K-12-0438	165.08	174.38	QTZT	100					grey	calcareous banding; minor gsch zones/horizons; minor rubble zones
K-12-0438	174.38	176.55	GSCH	100					medium grey	competent gsch with uniform foliation; minor qtzt zone
K-12-0438	176.55	185.85	QTZT	100						massive qtzt with frequent calcareous banding; minor gsch zones/horizons; blocky rubble zones
K-12-0438	185.85	191.63	CQTZT	100					light grey	minor gsch zones/horizons; mrz @ 187.09 - 187.45m
K-12-0438	191.63	204.20	QTZT	100					medium grey	massive qtzt with minor gsch zones/horizons; blocky rubble zones
K-12-0438	204.20	213.63	SSCH	100					green	uniform foliation; fractured/cleaved zone from 212.6 - 213.5m
K-12-0438	213.63	214.16	GSCH	100			chl		grey	competent gsch with uniform foliation
K-12-0438	214.16	246.52	QTZT	90	GSCH	10			grey	massive qtzt with infrequent gsch zones; fault @ 222.95 - 223.05; occasional rubble zones
K-12-0438	246.52	258.11	SSCH	100					green	ssch with moderately deformed bedding (246.52 - 251.75m) leading into a less deformed zone with uniform foliation
K-12-0442	0.00	5.77	OVb	100						
K-12-0442	5.77	42.70	GSCH	100					grey	zones of contorted foliation (from 12.8 - 13.1m and 33.55 - 33.97m); minor fault from 42.5 - 43.7m (no recovery zone); mrz from 23.2 - 25.92m
K-12-0442	42.70	44.00	NR	100						
K-12-0442	44.00	52.41	GSCH	100					grey	competent gsch with uniform foliation; increased concentration of metamorphic qtz
K-12-0442	52.41	72.54	SSCH	100					green-grey	gsch horizons/ zones; major zones with less defined bedding/ foliation planes; competent unit with gradual variation of foliation angle
K-12-0442	72.54	83.50	GSCH	100					grey	ssch horizons at beginning and end of run; minor faults (from 78.15 - 78.22m and 79.4 - 79.5m); competent unit with gradually varying foliation angle
K-12-0442	83.50	85.32	SSCH	100					green-grey	gsch horizons; competent unit with minor fractures
K-12-0442	85.32	87.62	GSCH	100					grey	infrequent ssch horizons; minor zones with contorted foliation; minor stringer mineralization; fractures
K-12-0442	87.62	91.16	SSCH	100					green	frequent gsch horizons from 87.62 - 89.68m grading into major zone with less defined foliation/ bedding planes; fracture at the beginning of run; competent unit with uniform foliation
K-12-0442	91.16	95.45	GSCH	100					grey	competent unit with minor zones of deformation; varying foliation angle
K-12-0442	95.45	99.45	SSCH	100					grey	frequent cleaving along foliation planes; zone of undulating/deformed foliation (97 - 97.45m)
K-12-0442	99.45	101.30	GSCH	100					grey	competent unit with uniform foliation; ssch zone/horizons
K-12-0442	101.30	108.00	QTZT	100					medium grey	massive qtzt with minor gsch zones/ horizons; frequent fracturing along foliation planes
K-12-0442	108.00	108.60	GSCH	100					grey	competent gsch with uniform foliation
K-12-0442	108.60	116.90	QTZT	100					medium grey	massive qtzt with minor gsch zones; minor fault from 115.16 - 115.26m; joint-set (114.5 - 116.9m)
K-12-0442	116.90	119.43	GSCH	100					grey	fractured gsch; frequent cleaving along foliation planes
K-12-0442	119.43	121.85	QTZT	100					light grey	massive qtzt with gsch horizons; jointing; frequent cleaving along foliation
K-12-0442	121.85	126.50	CQTZT	100					light grey	gsch horizons
K-12-0442	126.50	130.94	QTZT	100					light grey	zones of qtzt; gsch horizons
K-12-0442	130.94	132.40	GSCH	100					medium grey	gsch with uniform foliation grading into incompetent zone with undulating foliation @132.26m; mrz and frequent cleaving
K-12-0442	132.40	134.00	QTZT	100					medium grey	massive qtzt; frequent fractures

Lithology

Hole	From_m	To_m	Lith1	Lith1_Pct	Lith2	Lith2_Pct	Mod1	Mod2	Colour	Comments
K-12-0442	134.00	135.90	SSCH	100					green	blocky zone at beginning of run; well defined, uniform foliation throughout rest of run
K-12-0442	135.90	144.30	GSCH	75	SSCH	25			green-grey	zones and horizons of ssch; frequent cleaving along foliation planes
K-12-0442	144.30	151.10	QTZT	100					medium grey	massive qtzt with minor gsch zones; blocky rubble zones (from 146 - 146.95m, 147.2 - 147.35m, 150.2 - 150.4m and 150.58 - 151.1m); joints and fractures throughout run
K-12-0442	151.10	151.68	CQTZT	100					medium grey	massive cqtzt with blocky zone and joints/fractures
K-12-0442	151.68	169.89	QTZT	100					grey	massive qtzt with frequent joints, fractures, and parting along foliation; consistent/uniform foliation angle throughout run
K-12-0442	169.89	172.40	GSCH	80	SSCH	20			green-grey	gsch with two distinct zones of ssch; minor qtzt zone; competent unit with uniform foliation
K-12-0442	172.40	181.85	SSCH	100					green	dark green colour indicates an increased chl concentration; frequent mrz and cleaving along foliation
K-12-0442	181.85	182.45	GSCH	100					grey	incompetent gsch with rubble zone and frequent cleaving
K-12-0442	182.45	207.10	QTZT	100					grey	massive qtzt with minor gsch zones; occasional jointing/fracturing/parting; mrz from 189.56 - 189.7m and 192.6 - 192.75m; zones of weak cal alteration
K-12-0442	207.10	208.16	GSCH	100					grey	competent gsch with uniform foliation
K-12-0442	208.16	215.89	QTZT	80	GSCH	20			grey	massive qtzt with zones of gsch; joint-set from 210.95 - 215.89m (17 degrees TCA); minor fault @ 211.83m
K-12-0442	215.89	220.44	SSCH	100					green	competent ssch unit with gsch zone from 217.36 - 217.7m
K-12-0442	220.44	222.50	GSCH	100					grey	competent unit with uniform foliation
K-12-0442	222.50	233.00	QTZT	100						heavily jointed/fractured qtzt with frequent rubble zones; minor zones of gsch
K-12-0442	233.00	234.44	GSCH	100					grey	deformed gsch with fold from 234.15 - 234.4m; frequent cleaving along foliation
K-12-0442	234.44	290.05	QTZT	100					grey	massive qtzt unit with fracturing/jointing/ and cleaving along foliation throughout run; frequent mrz: minor zones of gsch; cal banding and leached cal bands/ zones throughout; minor faults occurring @ 241.35 - 241.37m, 267.33 - 267.36m
K-12-0442	290.05	293.37	GSCH	100					grey	zones of cqtzt; frequent cleaving along foliation; mrz from 290.05 - 290.32m; uniform foliation
K-12-0442	293.37	304.33	QTZT	100			chl		grey	silicified qtzt with chl alteration (293.37 - 298.3m); gsch zones
K-12-0442	304.33	304.55	FLT	60	QTZT	40			grey	gouge material grading into blocky qtzt rubble
K-12-0442	304.55	308.11	GSCH	70	QTZT	30			grey	frequent zones of qtzt; deformed gsch zone
K-12-0442	308.11	308.57	FLT	60	GSCH	40			dark grey	gouge material with competent zones displaying foliation
K-12-0442	308.57	317.61	QTZT	90	GSCH	10			medium grey	frequent gsch zones/horizons; calcareous alteration/banding zones
K-12-0442	317.61	319.25	GSCH	100					grey	frequent minor gouge zones (~1cm) occupying foliation planes
K-12-0442	319.25	328.68	QTZT	100					medium grey	silicified qtzt with minor zones of gsch; frequent cleaving/fracturing/rubble zones
K-12-0442	328.68	329.98	GSCH	100			chl		grey	incompetent/brittle gsch with chl alteration; frequent cleaving along foliation planes
K-12-0442	329.98	330.40	FLT	100					black	incompetent gouge grading into a more competent unit with remnant foliation planes
K-12-0442	330.40	350.00	GNST	100					green	frequent cleaving/fracturing; occasional mrz; incompetent gouge and brittle zones from 341.7 - 342.05m and 347.12 - 347.53m
K-12-0442	350.00	350.77	FLT	100					dark grey	gouge mixed with incompetent gnst/gsch
K-12-0442	350.77	356.84	QTZT	100			chl		light grey	silicified qtzt with chl alteration from 350.77 - 353m; mrz from 350.77 - 353.34m and minor ones throughout run; pitted bands
K-12-0442	356.84	357.37	GSCH	100					medium grey	consistent foliation angle; frequent cleaving along foliation planes
K-12-0442	357.37	363.80	QTZT	100					medium grey	massive qtzt with frequent fracturing/cleaving; some fractured carry cal mineralization; minor gsch zones
K-12-0442	363.80	366.50	GSCH	70	QTZT	30			grey	heavily fractured/cleaved with grading into competent qtzt zones; brittle zone with leached texture; minor fault from 364.4 - 364.7m
K-12-0442	366.50	370.80	QTZT	100					medium grey	heavily fractured qtzt which has undergone mild solification; frequent mrz at beginning of run (366.5 - 368.5m) grading into a zone with concentrated hairline fractures and multiple fluid channelways
K-12-0442	370.80	371.20	FLT	60	GSCH	40			grey	mild/gouge fault material grading into a competent gsch zone
K-12-0442	371.20	378.30	GNST	100					green	competent unit with infrequent cleaving/fracturing; planar foliation at upper qtzt contact (371.2 - 371.6m) grading into linear fabric texture
K-12-0442	378.30	378.65	GSCH	100			chl		grey	weak chl alteration due to gnst contact; uniform foliation; frequent cleaving
K-12-0442	378.65	380.00	QTZT	100					light grey	bleached qtzt with gsch interbedding/horizons
K-12-0442	380.00	382.38	GSCH	90	QTZT	10	chl		grey	mild chl alteration at end of run (381 - 382.83m) due gnst contact; uniform foliation; frequent cleaving; microfracturing perpendicular to foliation
K-12-0442	382.38	386.00	GNST	100					green	heavily fractured/cleaved unit with mrz from 382.55 - 383.5m; angular variation in phenocryst alignment
K-12-0442	386.00	389.06	GSCH	100					grey	uniform foliation with varying angle; frequent cleaving
K-12-0442	389.06	391.10	FLT	60	GSCH	40			black	gsch with frequent gouge and brecciated zones grading into a fine grained/ brittle section with mineralization adjacent to wall rock
K-12-0442	391.10	398.15	QTZT	100					light grey	heavily fractured/ jointed qtzt unit with frequent mrz; minor gsch zones throughout run
K-12-0442	398.15	403.90	GSCH	90	QTZT	10			grey	frequent cleaved gsch unit with zone of qtzt; uniform foliation
K-12-0442	403.90	416.39	QTZT	100					light grey	blocky qtzt unit with frequent mrz; minor gsch zones
K-12-0442	416.39	417.15	GNST	100					green	heavily fractured qtzt with well developed phenocrysts
K-12-0442	417.15	419.07	GSCH	100					black	incompetent gsch; minor faults (up to 5cm) throughout run
K-12-0442	419.07	422.15	QTZT	100					grey	concentrated hairline fracturing throughout resulting in clast supported breccia zones; minor fault from 420.9 - 420.97m
K-12-0442	422.15	423.10	VM	70	FLT	30			black	mineralized fault zone with brecciated, milled and blocky zones grading into a more competent mineralized qtzt wall rock
K-12-0442	423.10	426.39	QTZT	90	GSCH	10			grey	heavily fractured blocky qtzt with zones of incompetent gsch; minor fault from 424.4 - 424.45m
K-12-0442	426.39	426.84	GSCH	100					grey	incompetent gsch with uniform foliation angle; frequent cleaving

Lithology

Hole	From_m	To_m	Lith1	Lith1_Pct	Lith2	Lith2_Pct	Mod1	Mod2	Colour	Comments
K-12-0442	429.35	430.27	GSCH	100					dark grey	incompetent gsch gradually becoming more stable throughout run; folded unit with fold hinges occurring @ 429.9m and 430.19m
K-12-0442	430.27	432.80	QTZT	90	GSCH	10			dark grey	heavily fractured and mineralized qtzt with zones of incompetent gsch
K-12-0442	432.80	438.58	GSCH	100					grey	gsch with minor qtzt zone; minor sections with contorted foliation; frequent cleaving
K-12-0442	438.58	445.13	QTZT	100					medium grey	heavily fractured qtzt with frequent mrz; minor gsch zones
K-12-0442	445.13	449.10	GNST	100					green	competent unit with uniform phenocryst alignment throughout
K-12-0442	449.10	456.87	QTZT	100					light grey	bleached qtzt with joints/fractures throughout; infrequent gsch zones near the end of run
K-12-0442	456.87	457.20	GSCH	100					dark grey	competent gsch with uniform foliation planes
K-12-0442	457.20	465.45	QTZT	100					grey	bleached qtzt grading into a darker shade of grey @ 460.32m; massive unit with joint-sets and occasional fractures
K-12-0442	465.45	467.09	GSCH	75	QTZT	25			grey	frequently cleaved gsch with uniform foliation; qtzt zone in centre of run
K-12-0442	467.09	474.48	QTZT	100					medium grey	massive qtzt unit with smooth/polished texture; infrequent joints/fractures
K-12-0442	474.48	475.59	GSCH	70	QTZT	30			grey	dark, competent gsch with qtzt zones; undulating foliation with slightly contorted zone in gsch sections
K-12-0442	475.59	481.50	QTZT	100					grey	massive qtzt with minor gsch zones; occasional fracturing/jointing; mrz (478 - 478.2m)
K-12-0442	481.50	481.91	GSCH	100					grey	competent gsch with large/ concentrated graphite zone lacking foliation; contorted foliation; minor qtzt zone
K-12-0442	481.91	482.00	QTZT	100					medium grey	massive qtzt grading into bleached zone @ EOH
K-12-0450	0.00	5.34	OVB	100						
K-12-0450	5.34	21.35	GSCH	80	SSCH	20			black	black and green unit with abundant, thin (<cm) quartzite segregations
K-12-0450	21.35	32.79	SSCH	100					green	faint green sericite schist with regular intercalated quartzite bands.
K-12-0450	32.79	34.41	GSCH	60	QTZT	40			medium grey	thinly intercalated graphitic schist and quartzite. Unit is slightly crenulated in some places.
K-12-0450	34.41	50.66	GSCH	100					black	unit is crenulated in some places. Metamorphic quartz contains siderite - see mineralization log. Some extensional fractures are filled with quartz.
K-12-0450	50.66	55.26	QTZT	75	GSCH	25			medium grey	unit contains occasional crenulated zones and some thin (<2mm) bands of sericite. Some quartzite has a slightly pitted texture.
K-12-0450	55.26	63.13	QTZT	70	SSCH	30			medium grey	sericite layers have thin (<3mm) of graphitic bands.
K-12-0450	63.13	66.42	QTZT	100					light grey	unit is mainly quartzite, with some thin bands of graphitic and sericite schist.
K-12-0450	66.42	69.13	SSCH	50	GSCH	50			medium grey	greenish grey unit made up of mixed graphitic and sericite schist with regular thin (<3cm) bands of quartzite. There is one mineralized stringer - see mineralization log.
K-12-0450	69.13	70.40	QTZT	100					light grey	occasional thin (<1cm) bands of sericite.
K-12-0450	70.40	73.75	SSCH	100			tnb		green	dark olive green (leaves a white powder on fingers), crenulated unit. Thinly bedded with quartzite.
K-12-0450	73.75	74.38	QTZT	100					light grey	unit is about 50 percent quartzite and 50 percent metamorphic quartz.
K-12-0450	74.38	76.82	GSCH	90	SSCH	10			dark grey	graphitic schist with thin (<5mm) bands of sericite and segregations of quartz and of quartzite.
K-12-0450	76.82	78.63	GSCH	100					medium grey	abundant intercalated quartzite.
K-12-0450	78.63	80.74	GSCH	75	SSCH	25			dark grey	greenish grey unit with regular segregations of quartz and of quartzite.
K-12-0450	80.74	91.85	SSCH	90	GSCH	10			green	light greyish green unit is particularly quartz rich and has some bands of graphitic mud.
K-12-0450	91.85	92.61	VN	100					white	quartz vein bearing trace sulfides - see mineralization log.
K-12-0450	92.61	102.27	SSCH	95	GSCH	5			green	unit has occasional graphitic mud bands.
K-12-0450	102.27	105.86	GSCH	100					dark grey	occasional zones of crenulations
K-12-0450	105.86	113.35	SSCH	80	GSCH	20			green	unit hosts rare tiny stringers of sulfides - see mineralization log. It also contains a small fault.
K-12-0450	113.35	122.29	GSCH	100					dark grey	unit contains regular quartzite segregations. Some areas are weakly crenulated.
K-12-0450	122.29	122.52	FLT	100	GSCH				black	a puggy fault
K-12-0450	122.52	130.15	GSCH	100					black	particularly high graphitic mud content.
K-12-0450	130.15	139.03	SSCH	80	GSCH	20	tnb		green	light green unit is thin bedded with graphitic schist. Much of the upper half has high quartzite content.
K-12-0450	139.03	144.36	GSCH	100					dark grey	unit has crenulations and small folds.
K-12-0450	144.36	149.97	SSCH	95	GSCH	5			green	
K-12-0450	149.97	152.33	GSCH	100					dark grey	
K-12-0450	152.33	175.60	QTZT	100			c		medium grey	basal quartzite
K-12-0457	0.00	5.00	OVB	100						
K-12-0457	5.00	15.55	GSCH	100					black	undulated/contorted foliation; frequent cleaving along foliation; occasional mrz
K-12-0457	15.55	18.78	SSCH	10	GSCH	50			medium grey	gsch/ssch with frequent interbeds/zones of qtzt
K-12-0457	18.78	30.88	SSCH	80	GSCH	20			green-grey	frequent gsch horizons throughout; shallow foliation angle grading into occasional zones with contorted foliation
K-12-0457	30.88	45.83	GSCH	100					dark grey	infrequent zones with contorted/undulating foliation; slightly varying foliation angle
K-12-0457	45.83	66.24	SSCH	70	GSCH	30			green-grey	frequent gsch zones/horizons; frequent zones with shallow/subparallel foliation; large-scale folds/vergence
K-12-0457	66.24	72.07	GSCH	80	SSCH	20			medium grey	frequent ssch horizons/zone; large variation of foliation angle
K-12-0457	72.07	79.50	SSCH	100					green-grey	infrequent gsch horizons; shallow foliation angle gradually declining to become parallel TCA @ 75.4 - 76.1m; undulating foliation subparallel TCA from 77.35 - 78.3m
K-12-0457	79.50	86.00	GSCH	100					light grey	minor ssch horizons; undulating foliation subparallel TCA; frequent cleaving along foliation throughout run
K-12-0457	86.00	102.12	SSCH	60	GSCH	40			green-grey	interbedded gsch/ssch units alternating between zones of ssch; intervals with subparallel foliation grading into zones with shallow foliation
K-12-0457	102.12	118.40	GSCH	100			c		dark grey	light-grey gsch with uniform foliation (calcareous) grading into black gsch (104 - 118.4m) with a higher graphite concentration; minor fault @ 105.4 - 105.5m; minor area with contorted foliation @ 106.2 - 106.9m

Lithology

Hole	From_m	To_m	Lith1	Lith1_Pct	Lith2	Lith2_Pct	Mod1	Mod2	Colour	Comments
K-12-0457	118.40	123.02	SSCH	70	GSCH	30			green-grey	interbedded gsch/ssch grading into intervals of ssch; chsch zone @ 120.15 - 120.45m; minor fault @ 122.94; frequent cleaving and minor mrz throughout run; uniform foliation with slight undulations
K-12-0457	123.02	123.47	VN	100					white	qtz vn with cal mineralization
K-12-0457	123.47	127.40	SSCH	60	GSCH	40			green-grey	ssch with zones of gsch; varying foliation angle; minor zones with contorted foliation
K-12-0457	127.40	132.95	GSCH	100						gradually varying foliation angle; minor gougy fault zones @ 129.02 - 129.1m and 129.95 - 123.05m
K-12-0457	132.95	135.37	SSCH	100			c		green-grey	infrequent gsch zones; uniform foliation with slightly varying angle TCA; cal replacement of qtz
K-12-0457	135.37	135.95	GSCH	100					grey	infrequent ssch horizons; uniform foliation
K-12-0457	135.95	137.23	QTZT	100					light grey	massive qtzt with minor gsch zone; occasional fractures/joints
K-12-0457	137.23	138.37	GSCH	100					grey	competent gsch with uniform foliation
K-12-0457	138.37	150.52	QTZT	100					grey	minor gsch zones/horizons; minor rubble zones; concentrated fracture/joint zones @ 138.37 - 141.24m and 143.05 - 144.8m
K-12-0457	150.52	150.93	CQTZT	100					light grey	massive unit with minor gsch horizons @ beginning and end of run
K-12-0457	150.93	159.96	QTZT	100					medium grey	massive qtzt with minor gsch zones/horizons; frequent cal banding; frequent joints/fractures
K-12-0457	159.96	164.70	GSCH	100					grey	high graphite content; minor zone with sericite alteration (164.09 - 164.25m)
K-12-0457	164.70	193.45	QTZT	80	GSCH	20			grey	frequent intervals of gsch zones/horizons; partially leached qtzt with minor amounts of residual cal mineralization (174.33 - 176.6m and 185.3 - 186.7); minor mrz throughout run
K-12-0462	0.00	6.80	OVb	100						
K-12-0462	6.80	12.20	GSCH	100			g		black	Varying foliation and fault zones.
K-12-0462	12.20	18.43	SSCH	85	GSCH	15	s	g	grey	
K-12-0462	18.43	29.00	GSCH	100			g		black	Varying foliation. Hydrothermal brecciation of mgtz along foliation plane.
K-12-0462	29.00	42.10	SSCH	100			s	chl	light grey	Grit (small darker grey phenocrysts)? Beds of calcareous material.
K-12-0462	42.10	44.86	GSCH	100			g		dark grey	
K-12-0462	44.86	60.46	SSCH	95	GSCH	5	s		light grey	Grit (small darker grey phenocrysts)? Zones with a more silicified nature.
K-12-0462	60.46	64.55	SSCH	75	GSCH	25	s	g	light grey	Varying foliation.
K-12-0462	64.55	65.00	VN	100					white	Qtz vein. Minor sulphides.
K-12-0462	65.00	65.76	SSCH	75	GSCH	25	s	g	light grey	
K-12-0462	65.76	68.68	SSCH	100			s		light grey	Varying foliation.
K-12-0462	68.68	71.79	SSCH	25	GSCH	75	g	s	grey	Varying foliation.
K-12-0462	71.79	76.04	SSCH	95	GSCH	5	s		light grey	
K-12-0462	76.04	78.26	GSCH	95	SSCH	5	g	s	grey	Varying Foliation.
K-12-0462	78.26	87.65	GSCH	100			g		black	
K-12-0482	13.16	23.00	GSCH	50	QTZT	50			grey	soft layers of graphitic mud in particular host quartz stringers. Quartz bands are limonite stained
K-12-0482	23.00	23.51	SSCH	100						unit ends in a rubbled zone of marbles and angular blocks.
K-12-0482	23.51	25.91	NR	100					green	
K-12-0482	25.91	42.94	GSCH	100					black	thin coatings of sulfides on fractured quartz surfaces. Quartz also hosts irregular masses of siderite - see mineralization log. There is a 13cm zone of broken shards of schist and blocks of very poorly consolidated, angular sandy gravel that may be a small fault.
K-12-0482	42.94	74.40	SSCH	100	QTZT				green	the majority of the unit is grey with a faint green hue; will not scratch with a nail and appears quartzite rich - perhaps the result of silicified ssch? The quartzite like unit has intercalated layers of typical ssch. Quartz bands host siderite and sulfides - see mineralization log.

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0432	0.00	8.00	1.54																	
K-12-0432	8.00	38.06		3	10	dol	3.00	py	2.00	4.00	0.50	2.00	2.00			0.50				
K-12-0432	38.06	42.80			8	pyh	3.00	dol	2.00	7.00										
K-12-0432	42.80	43.38								90.00		3.00	0.01					dol	3.00	
K-12-0432	43.38	46.57			15	py	0.50	dol	3.00			4.00		0.50				dol	0.50	
K-12-0432	46.57	57.70				py	2.00	dol	2.00	1.00			2.00	0.01						
K-12-0432	57.70	67.41			8	py	0.02	dol	2.00	4.00				0.05				chl	1.00	
K-12-0432	67.41	67.69								93.50		0.50	1.00	4.00				dol	1.00	
K-12-0432	67.69	72.84			10	dol	1.00	py	0.50	15.00		4.00		1.00				dol	3.00	chl
K-12-0432	72.84	75.66			5	dol	1.00	py	0.50			4.00		0.50						
K-12-0432	75.66	82.44			15	dol	1.00	py	0.02	5.00		1.00		0.01				dol	1.00	chl
K-12-0432	82.44	87.35			5	py	3.00	dol	2.00	1.00								chl	1.00	
K-12-0432	87.35	89.07			10	dol	0.50	chl	0.50				1.00	1.00						
K-12-0432	89.07	92.05			5	dol	1.00	py	2.00	3.00		1.00	1.00					dol	2.00	chl
K-12-0432	92.05	100.14			8	py	1.00	dol	2.00	0.50								chl	2.00	
K-12-0432	100.14	113.21			10	py	3.00			5.00		3.00						chl	2.00	
K-12-0432	113.21	115.09			15	py	1.00			5.00		4.00	0.01	0.01						
K-12-0432	115.09	117.42			10	py	1.00	chl	2.00	3.00		3.00	2.00					dol	3.00	
K-12-0432	117.42	119.18			5	py	2.00			1.00	0.50	1.50	1.00			0.02				
K-12-0432	119.18	129.77			5	py	1.00			3.00		3.00	0.01					chl	0.05	
K-12-0432	129.77	131.00																		
K-12-0432	131.00	142.02																		

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0432	142.02	143.65			5	py	2.00	dol	2.00				1.00					dol	2.00	
K-12-0432	143.65	164.00			10	py	2.00			2.00		3.00	2.00					chl	0.50	
K-12-0432	164.00	165.33			10	dol	2.00	py	2.00	5.00		3.00								
K-12-0438	8.15	52.70		1	5	py	1.00			1.00	0.10	0.01	0.50		0.01	0.01				
K-12-0438	52.70	56.00			5						1.00									
K-12-0438	56.00	71.00			5	py	1.00			1.00	0.10	0.01								
K-12-0438	71.00	97.68			3	sd	0.50			5.00	0.10	0.05	0.05					chl	0.10	
K-12-0438	97.68	100.50										5.00	0.50							
K-12-0438	100.50	110.86			10	py	0.50			5.00	0.10	1.00	0.50					chl	0.50	
K-12-0438	110.86	117.60			5	py	1.00			1.00		0.50	0.10							
K-12-0438	117.60	131.41			10	py	0.50			1.00		0.50	0.10					chl	0.10	
K-12-0438	131.41	141.29			5	py	1.00			2.00	0.10	0.10	0.20							
K-12-0438	141.29	146.30			5	cal	1.00			5.00		0.50	0.10					chl		
K-12-0438	146.30	150.80			3	py	0.50	cal	0.30	2.00		0.50	0.10					chl	0.10	
K-12-0438	150.80	152.40			2	cal	0.80						0.10							
K-12-0438	152.40	163.94			10	py	0.10			2.00		1.00								
K-12-0438	163.94	165.08				py	0.10					0.20								
K-12-0438	165.08	174.38			3							1.00	0.20							
K-12-0438	174.38	176.55			2	py	0.50	cal	0.20				0.10							
K-12-0438	176.55	185.85			2	cal	0.50	py	0.10	5.00		1.00	0.10					chl	0.10	
K-12-0438	185.85	191.63			1							1.00	0.10							
K-12-0438	191.63	204.20			10	py	0.10					1.00	0.30					cp	0.01	chl
K-12-0438	204.20	213.63			3	py	0.10	cal	0.50									cal	0.50	
K-12-0438	213.63	214.16			2	py	0.50	sd	0.30	0.50		0.10								
K-12-0438	214.16	246.52			3					2.00		1.00	0.10							
K-12-0438	246.52	259.11			3	py	0.10			2.00		0.50						chl	0.10	
K-12-0442	5.77	38.00		1	10	py	0.50			3.00	0.10	0.10						cp	0.10	chl
K-12-0442	38.00	39.37	1.25		3					0.30		0.10	0.10	0.30				cp	0.05	
K-12-0442	39.37	41.00	1.40		2					1.00			0.10	0.50			0.20	cp	0.05	
K-12-0442	41.00	42.32	1.32		1					5.00		0.10	0.10	0.50						
K-12-0442	42.32	42.70	0.38		2							0.10	0.10	0.20						
K-12-0442	44.00	45.40	1.40		3	py	0.50					0.10								
K-12-0442	45.40	52.41			5	py	0.20			1.00				0.05				cp	0.05	
K-12-0442	52.41	72.54			3	py	0.10				0.10	0.50		0.08						
K-12-0442	72.54	83.50			3	py	0.50			0.50				0.10	0.01			cp	0.05	chl
K-12-0442	83.50	85.32			2	py	0.10			0.30		0.30	0.05							
K-12-0442	85.32	87.62			3	py	0.30					0.10		0.01				cp	0.01	
K-12-0442	87.62	91.16			1.5	py	0.10							0.05				cp	0.01	
K-12-0442	91.16	95.45			5	py	0.10							0.01						
K-12-0442	95.45	99.45			2	py	0.10					0.50								
K-12-0442	99.45	101.30			2					2.00		0.50	0.10					chl	0.20	
K-12-0442	101.30	108.00			3							0.80	0.50							
K-12-0442	108.00	108.60			3	cal	2.00						0.10							

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0442	108.60	116.90			2	py	0.10			0.50		1.00								
K-12-0442	116.90	119.43			2	py	0.50													
K-12-0442	119.43	121.85			1	py	0.10					0.50								
K-12-0442	121.85	126.50			1	py	0.20			2.00		1.00								
K-12-0442	126.50	130.94			1	py	0.10	cal	1.00	2.00		0.50								
K-12-0442	130.94	132.40			2							0.10	0.10							
K-12-0442	132.40	134.00			0.5	py	0.10					1.00	0.10							
K-12-0442	134.00	135.90			1	py	0.30			3.00		0.50	0.10					chl	0.30	
K-12-0442	135.90	144.30			5	py	0.50				0.10	0.10	0.10							
K-12-0442	144.30	151.10			1							0.50	0.10							
K-12-0442	151.10	151.68										0.10								
K-12-0442	151.68	169.89			2					1.00		0.50		0.05						
K-12-0442	169.89	172.40			2							0.10	0.30							
K-12-0442	172.40	181.85			1					2.00	0.20	0.30	0.10							
K-12-0442	181.85	182.45			1	py	0.10													
K-12-0442	182.45	207.10			1					2.00		0.50	0.10			0.01		cp	0.01	
K-12-0442	207.10	208.16			1							0.10	0.50							
K-12-0442	208.16	215.89			2					1.00	0.01	0.50	0.10							
K-12-0442	215.89	220.44			5						0.20		0.10							
K-12-0442	220.44	222.50			3					1.00	0.10		0.50	0.10						
K-12-0442	222.50	233.00			1					2.00		0.10	0.30					chl	0.01	
K-12-0442	233.00	234.44			3					15.00										
K-12-0442	234.44	290.05			2	py	0.10					0.50	0.20							
K-12-0442	290.05	293.37			2	py	0.20	pyh	0.10	2.00		0.10						chl	0.10	
K-12-0442	293.37	304.33			2	pyh	0.20			1.00		0.20	0.10	0.10				chl	1.00	cp
K-12-0442	304.33	304.55								2.00			0.50							
K-12-0442	304.55	308.11			3	py	0.10					0.50								
K-12-0442	308.11	308.57			1															
K-12-0442	308.57	317.61			1	py	0.10					0.30								
K-12-0442	317.61	319.25			1	py	0.10					0.30								
K-12-0442	319.25	329.98			1							0.10	0.10							
K-12-0442	329.98	330.40								1.00										
K-12-0442	330.40	350.00								0.80		0.50	0.05							
K-12-0442	350.00	350.77			1	py	0.50													
K-12-0442	350.77	356.84			0.5					1.00		0.30	0.30							
K-12-0442	356.84	357.37			1	py	0.50					0.10								
K-12-0442	357.37	363.80								1.00		0.50	0.10					cp	0.05	
K-12-0442	363.80	366.50			1	py	0.10			2.00			0.10							
K-12-0442	366.50	371.20			2					0.50		0.10	0.20							
K-12-0442	371.20	378.30								0.50		1.00								
K-12-0442	378.30	378.65			1	py	0.30					0.80								
K-12-0442	378.65	380.00			1					1.00		0.10	0.20							
K-12-0442	380.00	382.38			1	py	0.10			0.50		1.00	0.10					chl	0.10	
K-12-0442	382.38	386.00										1.00								
K-12-0442	386.00	387.10	1.10		1	py	0.30													
K-12-0442	387.10	389.06	0.75		1	py	0.30			0.10										
K-12-0442	389.06	390.80			1	py	0.20	sd	0.10											
K-12-0442	390.80	391.10	0.30									1.00	5.00							
K-12-0442	391.10	391.50	0.40							2.00			0.10							

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0442	391.50	392.80	1.22							3.00			0.50							
K-12-0442	392.80	394.62	1.65		2					0.50			0.10							
K-12-0442	394.62	396.30	1.65		2						0.10		0.50					cp	0.05	
K-12-0442	396.30	398.15	1.71		2						0.10									
K-12-0442	398.15	399.72	1.30		1					2.00		0.10	0.10							
K-12-0442	399.72	401.53	1.29		1 py		0.10													
K-12-0442	401.53	403.90	1.54		1 py		0.10													
K-12-0442	403.90	405.70	1.17		1					0.50										
K-12-0442	405.70	407.90	1.12		1													chl		
K-12-0442	407.90	410.00	2.10		2 py		0.10			1.00										
K-12-0442	410.00	413.00	1.90		1					1.00	0.10		0.10							
K-12-0442	413.00	416.00	1.65		1					0.50	0.10		0.10							
K-12-0442	416.00	416.39	0.33		1						0.50									
K-12-0442	416.39	417.15	0.72								0.10	1.00								
K-12-0442	417.15	419.07	0.84		1 py		0.10					1.00								
K-12-0442	419.07	419.75	0.68							3.00			0.50							
K-12-0442	419.75	420.90	1.15							3.00			2.00							
K-12-0442	420.90	421.45	0.55							2.00			0.50							
K-12-0442	421.45	422.15	0.51							3.00			0.10							
K-12-0442	422.15	422.70	0.57							3.00			70.00							
K-12-0442	422.70	423.10	0.46							20.00			15.00							
K-12-0442	423.10	423.42	0.32		1 py		0.50													
K-12-0442	423.42	424.63	1.16		0.5					2.00	0.10		0.30							
K-12-0442	424.63	425.00	0.37							3.00		1.00	0.50							
K-12-0442	425.00	426.39	0.52		1					0.50			0.10							
K-12-0442	426.39	426.84	0.45		3						2.00		0.50							
K-12-0442	426.84	428.00	1.10							3.00	0.30		0.10							
K-12-0442	428.00	429.35	0.82		1 sd		0.10			2.00			0.10							
K-12-0442	429.35	430.27	0.92		1 py		0.10			1.00	0.10									
K-12-0442	430.27	430.60	0.33							20.00			0.10							
K-12-0442	430.60	431.44	0.76							5.00			5.00							
K-12-0442	431.44	432.80	1.04		2 py		0.10			0.50			0.10							
K-12-0442	432.80	434.00	1.20		3 sd		0.10 py		0.10		0.50									
K-12-0442	434.00	438.58			2 py		0.20				0.30	0.10								
K-12-0442	438.58	445.13			1 py		0.10 cp		0.10	1.00			0.10							chl
K-12-0442	445.13	449.10								0.80		0.10	0.20			0.05				
K-12-0442	449.10	456.87			0.5					1.00		0.10	0.10							
K-12-0442	456.87	457.20			3 py		0.10													
K-12-0442	457.20	465.45			0.5					5.00			0.20							
K-12-0442	465.45	467.09			1 py		0.10													
K-12-0442	467.09	474.48			0.5					0.50			0.05							
K-12-0442	474.48	475.59			1 py		0.10			10.00										
K-12-0442	475.59	481.50			0.5 py		0.20			1.00		0.05	0.08							
K-12-0442	481.50	481.91			1 py		0.10													
K-12-0442	481.91	482.00			1															
K-12-0450	0.00	5.34																		
K-12-0450	5.34	21.35		2	20						0.02	0.02								
K-12-0450	21.35	32.79		2	5 py		0.01					0.01								
K-12-0450	32.79	34.41		1	1 py		0.01			0.10		0.50								
K-12-0450	34.41	50.66		1	5 py		0.02			0.02	0.02		0.01							
K-12-0450	50.66	55.26				py	0.01				0.02	0.01					chl		0.02	

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0450	55.26	63.13			10						0.05	0.01	0.02					chl	0.02	
K-12-0450	63.13	66.42			5						0.05	0.02	0.01					chl	0.02	
K-12-0450	66.42	69.13			1					3.00	0.02		0.03	0.01				chl	0.02	
K-12-0450	69.13	70.40			3	py	0.01			2.00	0.02			0.01						
K-12-0450	70.40	74.38			5					5.00	0.01	0.01	0.01	0.01				chl	2.00	
K-12-0450	74.38	76.82			1	py	0.01			0.50	0.10			0.01				chl	0.01	
K-12-0450	76.82	78.63			5					0.10	0.02			0.01						
K-12-0450	78.63	80.74			2					10.00	0.10	0.05		0.01						
K-12-0450	80.74	91.85			5					3.00	0.03	0.02	0.01					chl	0.03	
K-12-0450	91.85	92.61								90.00			0.01	0.01				chl	1.00	
K-12-0450	92.61	102.27			10	pyh	0.01	py	0.02	5.00	0.10							chl	0.02	
K-12-0450	102.27	105.86			10	pyh	0.01	py	0.02		0.50		0.05							
K-12-0450	105.86	113.35			20	py	0.01			1.00	1.00			0.02						
K-12-0450	113.35	122.29			10	py	0.01					0.02	0.01							
K-12-0450	122.29	122.53			1							0.05								
K-12-0450	122.53	130.15			5	py	0.02			1.00	0.10	0.05	0.02					chl	0.02	
K-12-0450	130.15	139.03			10	py	0.02			3.00	0.05	0.02	0.02							
K-12-0450	139.03	144.36				py	0.01			0.05	0.02	0.02	0.02							
K-12-0450	144.36	149.97			2	py	0.01			2.00		0.02	0.02							
K-12-0450	149.97	152.33			5	py	0.02					0.02	0.01							
K-12-0450	152.33	175.60			1	py	0.01			0.05		0.05	0.02							
K-12-0457	0.00	5.00		1																
K-12-0457	5.00	15.55		2		2	py	0.10		0.50										
K-12-0457	15.55	18.78		1		3	py	0.10	pyh	0.01										
K-12-0457	18.78	30.88		2		3	py	0.10				0.50								
K-12-0457	30.88	45.83		1		3	py	0.20		0.10		0.10	0.05							
K-12-0457	45.83	66.24				3	pyh	0.05	py	0.20	0.50	0.50								
K-12-0457	66.24	72.07				3	pyh	0.02	py	0.10		0.50								
K-12-0457	72.07	79.50				2	py	0.05	pyh	0.05		0.20								
K-12-0457	79.50	86.00				4	py	0.10	pyh	0.05	1.00	0.50	0.10					chl	0.05	
K-12-0457	86.00	102.12				15	py	0.30	pyh	0.10	2.00	1.00	0.10					chl	0.10	
K-12-0457	102.12	118.40				3	py	0.20	pyh	0.05	0.50	0.10	0.10					chl	0.10	
K-12-0457	118.40	123.02				2					2.00							chl	0.50	
K-12-0457	123.02	123.47								90.00	8.00							chl	0.50	
K-12-0457	123.47	127.40				2	py	0.10		3.00	1.00	0.10						chl	0.20	
K-12-0457	127.40	132.95				2	py	0.10				1.00	0.20							
K-12-0457	132.95	135.37				1	py	0.05			2.00							chl	0.10	
K-12-0457	135.37	135.95				2	py	0.50												
K-12-0457	135.95	137.23				1	py	0.05			1.00	0.10								
K-12-0457	137.23	138.37				2	py	0.30			0.10									
K-12-0457	138.37	150.52				1	py	0.10		3.00	0.50									
K-12-0457	150.52	150.93									40.00									
K-12-0457	150.93	159.96				2	py	0.05		1.00	2.00							chl	0.05	
K-12-0457	159.96	164.70				3	py	0.30												

Mineralization

Hole	From_m	To_m	Recovery_m	O_Limonite_Int	M_Quartz	M_X_Min	M_X_Min_Pct	M_Y_Min	M_Y_Min_Pct	H_Quartz	H_Siderite	H_Carbonate	H_Pyrite	H_Pyrrhotite	H_Galena	H_Sphalerite	H_Arsenopyrite	H_X_Min	H_X_Min_Pct	H_Y_Min
K-12-0462	0.00	6.80	0.14																	
K-12-0462	6.80	12.20	4.50	2	6															
K-12-0462	12.20	18.43	5.54	2		2 py	0.00			2.00	0.10		0.10							
K-12-0462	18.43	29.00	7.79	1		4 py	0.10			2.00	0.10							dol	0.25	
K-12-0462	29.00	42.10	12.57			2 py	0.03			5.00	0.10	0.10						dol	0.10	
K-12-0462	42.10	44.86	2.61			3 py	0.03			2.00	0.25	0.10						dol	0.10	
K-12-0462	44.86	60.46	14.80			4				2.00		0.25						dol	0.25	
K-12-0462	60.46	63.70	3.18			4 py	0.03			0.50		0.10						dol	0.10	
K-12-0462	63.70	64.55	0.77			5 py	0.03											dol	0.10	
K-12-0462	64.55	65.00	0.45							85.00			0.50							
K-12-0462	65.00	65.76	0.75			4 py	0.03											dol	0.10	
K-12-0462	65.76	68.68	2.92			8 py	0.03			1.00		0.50								
K-12-0462	68.68	71.79	3.11			2 py	0.20			9.00		0.25	0.10							
K-12-0462	71.79	76.04	4.24			2 py	0.10			1.75		0.25								
K-12-0462	76.04	78.26	2.22			3 py	0.03					0.03								
K-12-0462	78.26	87.65	9.34			1.5 py	0.10			4.00		0.10	0.50							
K-12-0482	13.16	23.00		2	2					5.00	0.10		0.01							
K-12-0482	23.00	23.51		2	7															
K-12-0482	23.51	25.91	0.00																	
K-12-0482	25.91	42.94			4 py		0.01			1.00	0.05		0.01							
K-12-0482	42.94	74.40		1	2					10.00	0.05		0.02					chl	0.05	

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrhotite	D_Sphalerite	Comments
K-12-0432	0.00	8.00					OVB
K-12-0432	8.00	38.06		2.00	3.00		Limonite staining severe to ~23m. Metamorphic qtz sweats throughout (in assn with dol and minor calcite blebs), hydrothermal qtz veinlets (some hosting small py blebs) cutting FN in upper 20m of unit. Disseminated (cubic, euhedral) and metamorphic py along FN. Py and pyh beds common throughout (possibly a replacement texture). Tension fractures cemented by cal and py common throughout (1-2cm thick). Small py, sp and sd blebs at 32.33m. Pyh also present as blebs along FN near lower contact.
K-12-0432	38.06	42.80		2.00			30% chloritic (darker green). Metamorphic qtz (in association with chlorite and dolomite blebs) content is high and the SSCH is silica rich in general. Qtz grits common. Metamorphic (lumped with disseminated, no more room in meta field) and euhedral disseminated py along FN. Hydrothermal qtz veinlets cut FN and host carbonate and chl blebs. Abundant pyh present as blebs along FN and thin laminations along FN. Lower contact with VN is sharp and irregular.
K-12-0432	42.80	43.38					Unmineralized qtz vein hosting dolomite blebs, sericite blebs, and minor fine-grained py.
K-12-0432	43.38	46.57					SSCH and GSCH, calcareous laminations and calcite replacement along FN common. High proportion of metamorphic qtz banding (associated with carbonate and trace fuchsite blebs) and qtz grits. Calcite and dolomite replacement along FN (intervals of up to 10cm are intensely calcareous). Py and pyh (put in hydrothermal, no more room in metamorphic) along FN throughout as small blebs and elongate bands.
K-12-0432	46.57	57.70					Metamorphic py along FN, py rich bands along FN (replacement texture), trace pyh, metamorphic qtz banding in association with carbonate blebs common, minor hydrothermal qtz stringers.
K-12-0432	57.70	67.41					Qtz grits common throughout. Metamorphic qtz banding in association with chl and carbonate blebs (dolomite as well as an unidentified carbonate which turns green upon reaction with acid?), metamorphic py blebs along FN. Minor pyh blebs along FN. Hydrothermal qtz veinlets, frequent silica rich intervals.
K-12-0432	67.41	67.69					Unmineralized qtz vein hosting minor calcite and py blebs, dolomite stringers and large pyrrhotite blebs.
K-12-0432	67.69	72.84	2.00				SSCH, metamorphic qtz banding, hydrothermal qtz veinlets, veins and stringers cutting FN parallel to right axis (some of which pinch out) hosting minor pyh (short, discontinuous stringers), dol blebs, and chl blebs. Thin calcareous beds up to 3cm thick common. Qtz grits as well as py and pyh blebs along FN are also common.
K-12-0432	72.84	75.66					SSCH and GSCH. Calcareous beds and laminations throughout. Disseminated and metamorphic py along FN, metamorphic pyh (put in hydrothermal) along FN, metamorphic qtz sweats hosting dolomite blebs, thin calcite filled fractures.
K-12-0432	75.66	82.44	2.00				Abundant qtz grits, metamorphic qtz banding along FN hosting dolomite blebs. Unit is silica rich (cherty?), towards lower contact becomes very dark, possibly some chlorite alteration or the unit merges into chloritic schist. Calcite filled fractures common, pyh and py blebs along FN, hydrothermal qtz stringers in assn with dolomite and chl blebs cut FN and pinch out.
K-12-0432	82.44	87.35		1.00			GSCH, disseminated (euhedral, cubic) and metamorphic py along FN, metamorphic qtz banding in assn with dol and py blebs. Silica rich (cherty?). Minor hydrothermal qtz stringers cut FN, hosting chl blebs.
K-12-0432	87.35	89.07					Metamorphic qtz banding throughout in assn with dol and chl blebs. Minor metamorphic py and pyh (put in hydrothermal category) along FN. Qtz grits common throughout.
K-12-0432	89.07	92.05	1.00				Metamorphic py along FN, dolomite replacement throughout, metamorphic qtz banding throughout in assn with dol blebs, sericitic laminations. Hydrothermal qtz veinlet in assn with cal, dol, chl and py blebs.
K-12-0432	92.05	100.14		3.00			Disseminated and metamorphic py along FN, metamorphic qtz sweats throughout (lower occurrence towards base of interval) in assn with dol blebs. Euhedral py rich beds, probably a replacement texture. Minor hydrothermal qtz-chl stringers.
K-12-0432	100.14	113.21		1.00			GSCH, metamorphic qtz banding in assn with calcite and chl blebs. Hydrothermal qtz veinlets in assn with calcite blebs, metamorphic and disseminated py along FN, py rich bands common (replacement texture, euhedral, cubic, has been leached in places giving a vuggy appearance). Small intervals (4cm thick) showing tensional fractures infilled with qtz and py. Calcite filled hairline fractures parallel to core axis starting at 110.40m.
K-12-0432	113.21	115.09					SSCH, metamorphic qtz banding throughout, irregular hydrothermal qtz veinlets in assn with calcite and trace py and pyh blebs. Calcite replacement along FN, metamorphic py along FN.
K-12-0432	115.09	117.42		2.00			SSCH/GSCH, metamorphic qtz banding in assn with calcite and chlorite blebs, dolomite replacement texture along FN throughout, irregular sinuous qtz and py stringers parallel to core axis, disseminated and metamorphic py along FN.
K-12-0432	117.42	119.18		2.00			GSCH, metamorphic qtz bands common which have a vuggy texture, hydrothermal qtz veinlets also present. Metamorphic and disseminated py along FN. Minor py, cal, sp and sd blebs at 119m.
K-12-0432	119.18	129.77					QTZT, calcareous beds common, metamorphic qtz sweats throughout (some associated with large calcite blebs), calcite and hydrothermal qtz stringers (and veinlets) cut FN, some qtz stringers have associated chl blebs. Metamorphic py along FN in GSCH. Minor py stringers in QTZT.
K-12-0432	129.77	131.00					Calcareous QTZT, not mineralized, no qtz sweats or stringers etc.
K-12-0432	131.00	142.02					No discernable difference from previous QTZT interval, trace fuchsite in metamorphic qtz band.

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrothite	D_Sphalerite	Comments
K-12-0432	142.02	143.65		1.00			GSCH, metamorphic qtz banding throughout in assn with dol blebs, metamorphic and disseminated py along FN, py rich bands (replacement texture). Dol replacement texture (not pervasive).
K-12-0432	143.65	164.00					QTZT, metamorphic py along FN in thin GSCH intervals, calcareous beds common, metamorphic qtz banding throughout in assn with calcite and trace fuchsite blebs. Minor py stringers, thin hydrothermal qtz stringers in assn with chl blebs.
K-12-0432	164.00	165.33					GSCH, 9cm hydrothermal qtz veinlet hosting calcite blebs, metamorphic qtz banding throughout in assn with dol blebs, metamorphic py along FN.
K-12-0438	8.15	52.70					limonite alteration from 8.15 - 19.8m; isolated gn stringer @ 39.15m; qtz vns carrying minor sd/py @ 39.85 - 40.6, 43.22 - 43.8m, and 50.05 - 50.25m; concentrated zone of qtzpy stringers @ 21.4 - 21.5m
K-12-0438	52.70	56.00					qtz carrying sd mineralization
K-12-0438	56.00	71.00					qtz vn carrying minor sd/cal mineralization
K-12-0438	71.00	97.68					qtz vn carrying chl @ 82.3 - 82.6m; qtz vn carrying py/cal @ 97 - 97.65m
K-12-0438	97.68	100.50					cal vnlt/s/vn with coarse euhedral crystal growth carrying disseminated/stringers of py
K-12-0438	100.50	110.86					frequent qtz vns/vnlts carrying cal/chl mineralization; cal replacement along foliation @ 102.7 - 103.3m
K-12-0438	110.86	117.60					qtz carrying blebs py/chl/cal
K-12-0438	117.60	131.41					qtz carrying py/chl/cal mineralization
K-12-0438	131.41	141.29					qtz vn from 131.5 - 131.95m with blebs of chl, py stringers and minor sd mineralization; infrequent py stringers
K-12-0438	141.29	146.30					cal mineralization along foliation throughout run; qtz vns from 144.47 - 144.74m and 145.63 - 146m carrying cal, py mineralization; chl stringer
K-12-0438	146.30	150.80					qtz vnlt/s carrying cal/py mineralization; infrequent cal/py stringers
K-12-0438	150.80	152.40					infrequent py stringers
K-12-0438	152.40	163.94					frequent cal stringers cross-cutting metamorphic qtz; qtz vnlt/s/vns @ 152.6m, 157.4m, 161.19, 162.7m and 163.25m - some carrying cal/py mineralization; infrequent cal banding
K-12-0438	163.94	165.08					hairline cal stringers
K-12-0438	165.08	174.38					frequent cal stringers/banding; zone of py stringers @ 170.27 - 170.5m
K-12-0438	174.38	176.55					infrequent py stringers
K-12-0438	176.55	185.85					cal banding/stringers; qtz vn from 176.75 - 177m carrying py/chl/cal mineralization; qtz vn/vnl from 184.6 - 185m
K-12-0438	185.85	191.63					cal stringers
K-12-0438	191.63	204.20	0.10				qtz vns (from 192.2 - 192.35m, 192.48 - 192.83m, 195.85 - 196.1m and 196.78 - 198.98m) carrying cal and minor/trace py mineralization; cal stringers/banding; py stringers carrying trace cp; chl mineralization on fracture/cleaved faces
K-12-0438	204.20	213.63					infrequent cal/qtz stringers; qtz vn @ 211.37 - 211.5m
K-12-0438	213.63	214.16					qtz carrying blebs of cal; qtz stringers; sd mineralization along foliation planes
K-12-0438	214.16	246.52					qtz vns (from 216 - 216.35m, 216.55 - 217m, 217.05m, 219.37 - 219.57m, and 219.65 - 219.77m) carrying cal mineralization); qtz vnl/cal stringers throughout run; cal banding
K-12-0438	246.52	259.11					qtz vns (from 247.17 - 247.35m and 258.36 - 258.5m) carrying blebs of cal; euhedral py crystallization along foliation throughout run
K-12-0442	5.77	38.00	0.05				limonite staining (0 - 12.6m); frequent qtz vns (from 14.1 - 14.3m, 16.13 - 156.23m, 25.75 - 25.87m, 33.22 - 33.43, 42.13 - 42.33 and 45.38 - 45.57m)
K-12-0442	38.00	39.37					infrequent pyh stringers/blebs; qtz stringers carrying py
K-12-0442	39.37	41.00					qtz carrying pyh/py mineralization; concentrated blebs of ars mineralization @ 40.05m
K-12-0442	41.00	42.32					qtz vm from 42.13 - 42.32m carrying pyh mineralization; infrequent pyh stringers; zone of disseminated sph
K-12-0442	42.32	42.70					pyh mineralization following foliation planes; fault gouge with py/cal mineralization
K-12-0442	44.00	45.40					qtz carrying cal mineralization
K-12-0442	45.40	52.41					qtz vn from 45.4 - 45.6m carrying minor cal/py mineralization; concentrated band of cross-cutting py/qtz stringers @ 52.05m
K-12-0442	52.41	72.54					cal stringers; qtz carrying cal/sd mineralization; qtz vn (from 52.2 - 52.53m and 56.25 - 52.6m)
K-12-0442	72.54	83.50	0.01				partially filled void space @ 52.5m with qtz/pyh/ trace gn mineralization
K-12-0442	83.50	85.32					infrequent qtz/cal stringers
K-12-0442	85.32	87.62					qtz carrying cal mineralization
K-12-0442	87.62	91.16					qtz carrying cal mineralization; mineralization concentrated between 87.62 - 89.68m
K-12-0442	91.16	95.45					py/ trace pyh mineralization along foliation planes
K-12-0442	95.45	99.45					qtz carrying cal mineralization; infrequent cal stringers
K-12-0442	99.45	101.30					qtz vn with chl/cal/py mineralization
K-12-0442	101.30	108.00					concentrated area of qtz carrying cal/py/chl mineralization; cal banding
K-12-0442	108.00	108.60					cal altered gsch

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrhotite	D_Sphalerite	Comments
K-12-0442	108.60	116.90					cal stringers/banding
K-12-0442	116.90	119.43					qtz carrying py mineralization
K-12-0442	119.43	121.85					cal banding/stringers
K-12-0442	121.85	126.50					infrequent cal stringers; qtz vns (from 125.38 - 125.5m and 126.36 - 126.5m) carrying cal mineralization
K-12-0442	126.50	130.94					qtz carrying cal mineralization; en echelon cal stringers with minor py mineralization; weak cal alteration at the beginning of run
K-12-0442	130.94	132.40					non-mineralized zone
K-12-0442	132.40	134.00					cal stringers cross-cutting and altering metamorphic qtz; py stringer
K-12-0442	134.00	135.90					qtz vn from 134.07 - 134.3m carrying py/cal/chl mineralization
K-12-0442	135.90	144.30					qtz carrying cal, sd, and euhedral py mineralization; infrequent cal and py stringers
K-12-0442	144.30	151.10					qtz carrying cal mineralization; infrequent cal stringers
K-12-0442	151.10	151.68					infrequent cal stringers
K-12-0442	151.68	169.89					cal stringers carrying py mineralization; qtz vnls carrying cal mineralization; cal banding
K-12-0442	169.89	172.40					qtz carrying euhedral py mineralization
K-12-0442	172.40	181.85					qtz vn from 172.8 - 173.15m and 175.37 - 175.78m (subparallel TCA) carrying sd/cal/py mineralization
K-12-0442	181.85	182.45					non-mineralized zone
K-12-0442	182.45	207.10					qtz vn from 190.05 - 190.52m carrying minor py/cal mineralization; zones of hairline cal stringers; en echelon qtz stringers with cal mineralization; cal banding; rhombohedral/ oolitic cal crystals infilling joints
K-12-0442	207.10	208.16					py stringer outlined by a grey alteration mineral; qtz carrying blebs of py
K-12-0442	208.16	215.89					concentrated zone of hairline cal stringers cross-cutting each other; cal banding
K-12-0442	215.89	220.44					qtz carrying sd mineralization
K-12-0442	220.44	222.50					qtz carrying pyh mineralization with hairline stringers with sd/pyh braching out; qtz vnlt from 220.44 - 220.5m
K-12-0442	222.50	233.00					qtz vn from 224.17 - 224.33m; zone of concentrated py bleb/stringers 227.8 - 229.8m; leached banding
K-12-0442	233.00	234.44					concentration of qtz vns/vnls carrying cal mineralization
K-12-0442	234.44	290.05					qtz vnls/stringers throughout run with void space channelways partially filled by cal/py mineralization; py/qtz stringers throughout run; qtz vn from 248.75 - 249.12m carrying cal/ minor py mineralization; both cal and leached cal banding
K-12-0442	290.05	293.37					qtz vnlt with chl altered channelways/ void space; py/pyh mineralization along foliation planes
K-12-0442	293.37	304.33	0.01				disseminated pyh band @ 297.76m; qtz vn from 296 - 296.18m; infrequent py/pyh stringers/blebs; metamorphic qtz cross-cut by hairline cal/qtz stringers; chl alteration and mineralization on fractured faces
K-12-0442	304.33	304.55					fault with qtz vnlt and py stringer
K-12-0442	304.55	308.11					qtz carrying cal mineralization
K-12-0442	308.11	308.57					gsch gouge with remnant qtz mineralization
K-12-0442	308.57	317.61					hairline cal stringers; qtz carrying cal mineralization
K-12-0442	317.61	319.25					cal replacement along foliation planes
K-12-0442	319.25	329.98					light green secondary alteration mineral in qtz vnlt/stringers and staining fractured faces
K-12-0442	329.98	330.40					gouge with qtz mineralization
K-12-0442	330.40	350.00					cal stringer; qtz carrying cal mineralization
K-12-0442	350.00	350.77					fault zone with discernible py/qtz mineralization in more competent sections
K-12-0442	350.77	356.84					py stringers cross-cutting qtz stringers carrying cal mineralization; qtz carrying cal/ blebs of py; breccia with cal matrix (356.77 - 356.84m)
K-12-0442	356.84	357.37					py/cal mineralization along foliation
K-12-0442	357.37	363.80					qtz vnlt with crystalline channelways carrying cal/py mineralization; py/ hairline cal stringers; heavily fractured zone with cal/py/cp infill (362 - 363.5); cluster of fine grained twinned cp crystals
K-12-0442	363.80	366.50					qtz vn from 364.5 - 364.71 carrying py mineralization
K-12-0442	366.50	371.20					metamorphic qtz with void space/ channelways with fine grained py crystallization; hairline fractures exploited by qtz mineralization; infrequent py stringers
K-12-0442	371.20	378.30					qtz vnls carrying cal mineralization; infrequent cal stringers
K-12-0442	378.30	378.65					qtz with cal mineralization
K-12-0442	378.65	380.00					qtz stringers/vnlt
K-12-0442	380.00	382.38					cal stringers carrying qtz/py/chl mineralization
K-12-0442	382.38	386.00					cal stringers
K-12-0442	386.00	387.10					non-mineralized
K-12-0442	387.10	389.06					qtz stringer
K-12-0442	389.06	390.80					schist gouge with angular qtz carrying minor sd mineralization;
K-12-0442	390.80	391.10					
K-12-0442	391.10	391.50					py stringer cross-cutting qtz

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrhotite	D_Sphalerite	Comments
K-12-0442	391.50	392.80					qtz stringers/vnlts cross-cut by py; en echelon py stringers
K-12-0442	392.80	394.62					infrequent py stringers
K-12-0442	394.62	396.30		0.10			qtz carrying blebs of py/sd; hairline py stringers
K-12-0442	396.30	398.15		0.10			py banding; hairline sd stringers
K-12-0442	398.15	399.72					qtz vnlts; cal stringer
K-12-0442	399.72	401.53					non-mineralized
K-12-0442	401.53	403.90					qtz vnlts with void space/ channelways
K-12-0442	403.90	405.70					non-mineralized
K-12-0442	405.70	407.90					chl mineralization on joint faces
K-12-0442	407.90	410.00					qtz stringers
K-12-0442	410.00	413.00		0.10			qtz vnlts carrying blebs of sd
K-12-0442	413.00	416.00					hairline sd stringers cross-cutting qtz
K-12-0442	416.00	416.39					hairline sd stringers
K-12-0442	416.39	417.15					alignment of phenocrysts of epidote; cal stringers
K-12-0442	417.15	419.07					infrequent cal stringers
K-12-0442	419.07	419.75					clast supported crackle breccia; qtz mineralization exploiting fracture spaces; zone with en echelon py stringers
K-12-0442	419.75	420.90					clast supported qtz breccia with qtz/py mineralization occupying fracture spaces; qtz truncated/sheared by brecciation overprinting of qtz by py mineralization
K-12-0442	420.90	421.45					brecciated qtz with qtz/py mineralization; qtz stringers
K-12-0442	421.45	422.15					breccia with qtz/ minor py mineralization
K-12-0442	422.15	422.70					py dominant vm with euhedral crystalization; qtz cross-cut by py mineralization
K-12-0442	422.70	423.10					py concentrated zone grading into qtz concentration cross-cut by py stringers
K-12-0442	423.10	423.42					concentrated zone of py mineralization (423.1 - 423.23m)
K-12-0442	423.42	424.63					qtz vn from 423.9 - 424m; qtz carrying py/sd mineralization
K-12-0442	424.63	425.00					concentrated zone of ptz/cal stringers; cross-cut by py stringer
K-12-0442	425.00	426.39					post mineralization fracturing through qtz
K-12-0442	426.39	426.84					sd blebs/ stringers
K-12-0442	426.84	428.00					crackle breccia with qtz/sd mineralization and limonite alteration; qtz vnlts/stringer with sd mineralization
K-12-0442	428.00	429.35					disseminated sd banding; qtz vnlts/stringer
K-12-0442	429.35	430.27					qtz carrying sd mineralization
K-12-0442	430.27	430.60					deformed qtz stringers/vnlts
K-12-0442	430.60	431.44					concentrated hairline qtz and py stringers; py stringers truncate qtz stringers; void space with prismatic qtz crystals and py mineralization
K-12-0442	431.44	432.80					qtz vnlts with void space carrying py mineralization
K-12-0442	432.80	434.00					sd stringers perpendicular to foliation
K-12-0442	434.00	438.58		0.10			infrequent sd stringers; disseminated band of py
K-12-0442	438.58	445.13	0.20	0.10			py/sd/qtz stringers; disseminated cp @ 441.81m; zone of concentrated chl mineralization (444.65 - 445.13m)
K-12-0442	445.13	449.10					cal stringers carrying euhedral py/ trace sph mineralization; py stringers; red alteration mineral with cal in fractures; sphene? phenocrysts (446 - 446.94m)
K-12-0442	449.10	456.87		0.10			infrequent cal stringers; disseminated py banding
K-12-0442	456.87	457.20					non-mineralized
K-12-0442	457.20	465.45					qtz vn (from 460.5 - 460.8m and 464.75 - 465.25m) with py mineralization; infrequent py stringers
K-12-0442	465.45	467.09					non-mineralized
K-12-0442	467.09	474.48		0.10			infrequent py banding;
K-12-0442	474.48	475.59					qtz vn
K-12-0442	475.59	481.50					disseminated py banding; qtz vn from 479.75 - 480.05m
K-12-0442	481.50	481.91					non-mineralized
K-12-0442	481.91	482.00					non-mineralized
K-12-0450	0.00	5.34					overburden - not mineralized
K-12-0450	5.34	21.35		0.01			irregular blebs of siderite and calcite in metamorphic quartz
K-12-0450	21.35	32.79					contains some tiny (<1mm) angular pieces of a soft black mineral with a black streak (graphite?)
K-12-0450	32.79	34.41					not mineralized
K-12-0450	34.41	50.66					pyrite crystals and irregular masses of siderite in metamorphic quartz. Metamorphic pyrite blebs are concentrated in layers with quartz filled extensional fractures.
K-12-0450	50.66	55.26					one area has blebs of siderite scattered throughout with clusters on the inner edges of metamorphic quartz

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrhotite	D_Sphalerite	Comments
K-12-0450	55.26	63.13		0.01			metamorphic quartz contains blebs of siderite and ribbons of a soft, greasy feeling, brownish black mineral (chlorite?) and masses of a fine grained, soft (can be scratched with a fingernail) greyish green mineral (sericite?). A thin coating of pyrite is seen on one fracture surface.
K-12-0450	63.13	66.42					blebs of siderite within metamorphic quartz - often lining the inner edges - and following foliation in the quartzite.
K-12-0450	66.42	69.13					hydrothermal quartz veinlet contains blebs of pyrrhotite. Anhedral to euhedral pyrite in one stringer of euhedral, prismatic quartz.
K-12-0450	69.13	70.40		0.01			subhedral crystals of pyrrhotite in quartz. Blebs of siderite are scattered throughout the rock.
K-12-0450	70.40	74.38					blebs of siderite and trace pyrrhotite and pyrite in metamorphic and hydrothermal quartz.
K-12-0450	74.38	76.82					siderite blebs following metamorphic quartz veins and along the inner edges of hydrothermal quartz veinlets. Tiny blebs of pyrrhotite in metamorphic quartz.
K-12-0450	76.82	78.63					siderite and pyrrhotite blebs following foliation, commonly (but not exclusively) in metamorphic quartz.
K-12-0450	78.63	80.74					siderite and calcite blebs following foliation and in hydrothermal quartz. Trace pyrrhotite following foliation.
K-12-0450	80.74	91.85		0.01			hydrothermal quartz contains irregular blebs of pyrite. blebs of calcite and of siderite are scattered within metamorphic quartz.
K-12-0450	91.85	92.61					thin coatings of pyrite on some fracture surfaces. The vein hosts a bleb of pyrrhotite.
K-12-0450	92.61	102.27					siderite blebs in metamorphic quartz.
K-12-0450	102.27	105.86					there are a few tiny stringers of pyrite (filling cracks?). Siderite blebs following foliation and in metamorphic quartz.
K-12-0450	105.86	113.35		0.01			pyrite as irregular masses within metamorphic quartz and as tiny stringers.
K-12-0450	113.35	122.29					pyrite in calcite stringers.
K-12-0450	122.29	122.53					not mineralized
K-12-0450	122.53	130.15					pyrite as tiny stringers and in a quartz veinlet. Siderite as blebs following foliation and in metamorphic quartz.
K-12-0450	130.15	139.03		0.01			blebs of siderite within metamorphic (concentrated on in edges) and hydrothermal quartz. Pyrite as irregular masses in hydrothermal quartz.
K-12-0450	139.03	144.36					pyrite as tiny stringers. Siderite as blebs following foliation and in metamorphic quartz.
K-12-0450	144.36	149.97					pyrite in quartz veinlet
K-12-0450	149.97	152.33					pyrite as an irregular mass in metamorphic pyrite.
K-12-0450	152.33	175.60		0.01			pyrite as tiny stringers and as a thin coating on a fracture surface.
K-12-0457	0.00	5.00					overburden - nonmineralized
K-12-0457	5.00	15.55					nonmineralized
K-12-0457	15.55	18.78					trace pyh mineralization
K-12-0457	18.78	30.88			0.10		zone of metamorphic pyh mineralization (26.7 - 27.64m); sd mineralization following foliation
K-12-0457	30.88	45.83					cross-cutting qtz/py stringers @ 31.42m; metamorphic qtz with blebs of sd
K-12-0457	45.83	66.24					isolated blebs of pyh throughout; qtz carrying cal; concentrated zone of chl mineralization @ 53.1 - 53.22m; infrequent cal stringers
K-12-0457	66.24	72.07					cal replacement along foliation/ blebs of cal in metamorphic qtz; infrequent cal stringers
K-12-0457	72.07	79.50					qtz carrying cal mineralization; trace mineralization of py/pyh along foliation
K-12-0457	79.50	86.00					frequent metamorphic qtz vnlt/vns - some carrying blebs of cal, subhedral py stringer crystallization, and trace chl; infrequent qtz stringers and hairline cal stringers
K-12-0457	86.00	102.12					frequent metamorphic qtz vnlt/vns carrying cal/py; flecks of pyh along foliation/ disseminated 5mm band and stringers of pyh (98 - 102.12m)
K-12-0457	102.12	118.40					qtz vn (106.2 - 106.3m) carrying blebs of chl/py/cal; py/pyh/cal mineralization along foliation; minor fault with blebs of py
K-12-0457	118.40	123.02					vnlt and frequent hairline cal stringers; chl/cal vnlt subparallel TCA @ 120.15 - 120.5m
K-12-0457	123.02	123.47					vuggy qtz vn with cal and minor chl mineralization; wall-rock clasts in bottom portion of vn
K-12-0457	123.47	127.40					qtz vn/vnlt throughout carrying cal mineralization; qtz vn @ 126.35 - 126.55m with chl/cal mineralization
K-12-0457	127.40	132.95					hairline cal stringers and blebs of py throughout; metamorphic qtz vn (130.14 - 130.3m) and vnlt (130.8 - 130.87m) carrying cal mineralization
K-12-0457	132.95	135.37					cal replacement of metamorphic qtz along foliation; chl mineralization in fractures; hairline cal stringers
K-12-0457	135.37	135.95					non-mineralized
K-12-0457	135.95	137.23					cal replacement/ banding/ hairline stringers; infrequent blebs of py
K-12-0457	137.23	138.37					minor cal replacement
K-12-0457	138.37	150.52					hairline cal stringers cross-cutting en echelon qtz vnlt (145.4 - 146.5m); qtz vnlt carrying cal
K-12-0457	150.52	150.93					calcareous; hairline cal stringer
K-12-0457	150.93	159.96					cal banding/stringers throughout; trace chl mineralization in fractures
K-12-0457	159.96	164.70					graphite/black carbonate zones containing sheared qtz stringers (161 - 161.09m) and one also containing concentrated py mineralization (163.77 - 163.84m); infrequent blebs of py

Mineralization

Hole	From_m	To_m	H_Y_Min_Pct	D_Pyrite	D_Pyrrhotite	D_Sphalerite	Comments
K-12-0462	0.00	6.80					OVB
K-12-0462	6.80	12.20		0.00			Limonite staining on mgtz. Trace pyrite.
K-12-0462	12.20	18.43		0.00			Trace pyrite. Vienlets of qtz. Some hydrothermal cal and py.
K-12-0462	18.43	29.00		0.10			Quartz veinlets. Carbonate (dol and sd?) associated with mgtz. Small amount of disseminated py.
K-12-0462	29.00	42.10		0.00			Cal and sd (and dol?) associated with mgtz and qtz vienlets. Trace disseminated py.
K-12-0462	42.10	44.86		0.00			Cal/dol? And sd associated with mgtz and qtz vienlets. Trace disseminated py.
K-12-0462	44.86	60.46		0.00			Trace disseminated py. Dol (?) associated with mgtz. Qtz strings and vienlets. Thin cal stringer.
K-12-0462	60.46	63.70		0.03			Small amount of disseminated py. Small discontinuous stringers of quartz and some dol?
K-12-0462	63.70	64.55		0.03			Small amount of disseminated py. Dol? Associated with mgtz.
K-12-0462	64.55	65.00					Chlorite alteration. Quartz vein with a small amount of py. Possible dark sulphide (however, most likely chlorite).
K-12-0462	65.00	65.76					Possible some dol? Associated with mgtz.
K-12-0462	65.76	68.68					Qtz and cal stringer. Chlorite alteration. Cal associated with qtz
K-12-0462	68.68	71.79		0.03			Qtz vienlets. Some cal (dol?) and py? Associated with qtz. Some disseminated py. Some chlorite alteration.
K-12-0462	71.79	76.04		0.03			Some disseminated py. Discontinuous qtz stringers with associated cal.
K-12-0462	76.04	78.26		0.00			Cal associated with mgtz. Trace disseminated py.
K-12-0462	78.26	87.65		0.10			Qtz vienlets and wide py stringers (~2cm). Disseminated py. Cal and chlorite alteration associated with qtz
K-12-0482	13.16	23.00		0.01			quartz veinlets and stringers host pyrite as subhedral to euhedral crytals and an orange mineral (it is slightly magnetic when powdered and does not seem to react - siderite?)
K-12-0482	23.00	23.51		0.02			not mineralized
K-12-0482	23.51	25.91					
K-12-0482	25.91	42.94		0.01			blebs of siderite and of pyrite in quartz (hydrothermal and metamorphic). Pyrite is also present as rare tiny stringers
K-12-0482	42.94	74.40		0.01			pockets of euhedral pyrite and iregular masses of siderite and in metamorphic quartz.

Structures

Hole	From m	To m	Struct Code	Struct_Mod1	Struct Alpha	Struct Beta	Strike	Dip	Vergence	Comments
K-12-0432	8.05	8.06	FN		36					
K-12-0432	8.46	8.47	FN		22					
K-12-0432	10.90	10.91	FN		39					
K-12-0432	11.40	11.41	FN		66					
K-12-0432	11.89	11.90	FN		55					
K-12-0432	13.97	13.98	FN		46					
K-12-0432	15.24	15.25	FN		55					
K-12-0432	15.87	15.88	FN		74					
K-12-0432	17.96	17.97	FN		68					
K-12-0432	20.00	20.01	FN		83					
K-12-0432	20.51	20.52	FN		65					
K-12-0432	21.72	21.73	FN		66					
K-12-0432	23.00	23.01	FN		35					
K-12-0432	23.52	23.53	FN		43					
K-12-0432	25.06	25.07	FN		60					
K-12-0432	25.44	25.45	FN		66					
K-12-0432	26.00	26.01	FN		60					
K-12-0432	27.40	27.41	FN		46					
K-12-0432	27.90	27.91	FN		34					
K-12-0432	29.30	29.31	FN		33					
K-12-0432	30.27	30.28	FN		30					
K-12-0432	30.97	30.98	FN		50					
K-12-0432	33.54	33.55	FN		48					
K-12-0432	34.07	34.08	FN		58					
K-12-0432	34.50	34.51	FN		53					
K-12-0432	35.26	35.36	FLT							
K-12-0432	35.60	35.61	FN		45					
K-12-0432	35.87	35.88	FN		32					
K-12-0432	38.00	38.01	FN		42					
K-12-0432	38.44	38.45	FN		38					
K-12-0432	39.73	39.74	FN		50					
K-12-0432	41.00	41.01	FN		47					
K-12-0432	41.86	41.87	FN		46					
K-12-0432	42.35	42.36	FN		51					
K-12-0432	44.00	44.01	FN		49					
K-12-0432	44.50	44.51	FN		57					
K-12-0432	46.18	46.19	FN		46					
K-12-0432	46.43	46.44	FN		54					
K-12-0432	47.56	47.57	FN		48					
K-12-0432	48.44	48.45	FN		62					
K-12-0432	50.00	50.01	FN		57					
K-12-0432	50.19	50.20	FN		58					
K-12-0432	51.42	51.43	FN		67					
K-12-0432	52.48	52.49	FN		40					
K-12-0432	53.77	53.78	FN		34					
K-12-0432	54.25	54.26	FN		49					
K-12-0432	55.74	55.75	FN		35					
K-12-0432	56.21	56.22	FN		60					
K-12-0432	56.84	56.85	FN		35					
K-12-0432	57.80	57.81	FN		21					
K-12-0432	58.70	58.71	FN		35					
K-12-0432	59.62	59.63	FN		53					
K-12-0432	60.31	60.32	FN		58					
K-12-0432	62.00	62.01	FN		74					
K-12-0432	62.43	62.44	FN		64					
K-12-0432	63.08	63.09	FN		50					
K-12-0432	63.40	63.41	FN		42					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0432	65.00	65.01	FN		72					
K-12-0432	65.95	65.96	FN		67					
K-12-0432	66.48	66.49	FN		65					
K-12-0432	67.89	67.90	FN		76					
K-12-0432	68.40	68.41	FN		65					
K-12-0432	69.66	69.67	FN		54					
K-12-0432	71.24	71.25	FN		70					
K-12-0432	71.94	71.95	FN		69					
K-12-0432	73.50	73.51	FN		60					
K-12-0432	74.00	74.01	FN		59					
K-12-0432	74.50	74.51	FN		65					
K-12-0432	75.85	75.86	FN		60					
K-12-0432	76.42	76.43	FN		70					
K-12-0432	77.90	77.91	FN		71					
K-12-0432	78.90	78.91	FN		65					
K-12-0432	80.23	80.24	FN		65					
K-12-0432	80.35	80.36	FN		67					
K-12-0432	81.27	81.28	FN		71					
K-12-0432	83.34	83.35	FN		63					
K-12-0432	83.95	83.96	FN		70					
K-12-0432	84.26	84.27	FN		63					
K-12-0432	85.60	85.61	FN		50					
K-12-0432	86.46	86.47	FN		40					
K-12-0432	87.36	87.37	FN		38					
K-12-0432	88.03	88.04	FN		18					
K-12-0432	88.86	88.87	FN		30					
K-12-0432	90.15	90.16	FN		34					
K-12-0432	91.70	91.71	FN		34					
K-12-0432	92.00	92.01	FN		52					
K-12-0432	93.73	93.74	FN		48					
K-12-0432	93.91	93.92	FN		38					
K-12-0432	95.00	95.01	FN		40					
K-12-0432	95.89	95.90	FN		39					
K-12-0432	97.71	97.72	FN		38					
K-12-0432	98.00	98.01	FN		44					
K-12-0432	99.10	99.11	FN		32					
K-12-0432	99.82	99.83	FN		40					
K-12-0432	101.00	101.01	FN		28					
K-12-0432	102.68	102.69	FN		39					
K-12-0432	103.17	103.18	FN		48					
K-12-0432	103.51	103.52	FN		34					
K-12-0432	104.43	104.44	FN		61					
K-12-0432	106.34	106.35	FN		32					
K-12-0432	106.58	106.59	FN		29					
K-12-0432	107.00	107.01	FN		35					
K-12-0432	107.76	107.77	FN		16					
K-12-0432	110.00	110.01	FN		63					
K-12-0432	110.55	110.56	FN		62					
K-12-0432	111.48	111.49	FN		33					
K-12-0432	112.42	112.43	FN		60					
K-12-0432	113.00	113.01	FN		68					
K-12-0432	113.37	113.38	FN		70					
K-12-0432	115.41	115.42	FN		58					
K-12-0432	116.00	116.01	FN		45					
K-12-0432	116.96	116.97	FLT		24					faulted contact.
K-12-0432	117.42	117.43	FN		65					
K-12-0432	118.56	118.57	FN		45					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0432	118.66	118.67	FN		41					
K-12-0432	119.45	119.46	FN		33					
K-12-0432	120.20	120.21	FN		32					
K-12-0432	121.63	121.64	FN		45					
K-12-0432	122.82	122.83	FN		39					
K-12-0432	124.00	124.01	FN		37					
K-12-0432	124.75	124.76	FN		39					
K-12-0432	125.39	125.40	FN		49					
K-12-0432	126.35	126.36	FN		50					
K-12-0432	126.72	126.73	FN		46					
K-12-0432	128.46	128.47	FN		48					
K-12-0432	129.39	129.40	FN		50					
K-12-0432	129.60	129.61	FN		41					
K-12-0432	129.77	129.78	CT	shp	33					sharp GSCH-CQTZT contact.
K-12-0432	131.00	131.01	FN		47					
K-12-0432	131.50	131.51	FN		43					
K-12-0432	132.44	132.45	STR		41	115				qtz-chl stringer, stringer alpha = 10 degrees, FN alpha= 41 degrees.
K-12-0432	132.90	132.91	FN		48					
K-12-0432	133.10	133.11	FN		52					
K-12-0432	134.00	134.01	FN		49					
K-12-0432	135.84	135.85	FN		58					
K-12-0432	136.48	136.49	FN		63					
K-12-0432	136.48	136.49	STR		50					calcite stringer set.
K-12-0432	137.00	137.01	FN		54					
K-12-0432	138.23	138.24	FN		56					
K-12-0432	138.74	138.75	FN		49					
K-12-0432	139.31	139.32	FN		61					
K-12-0432	140.30	140.31	FN		56					
K-12-0432	141.90	141.91	FN		49					
K-12-0432	142.02	142.03	CT	shp	53					sharp QTZT-GSCH contact.
K-12-0432	142.39	142.40	FN		45					
K-12-0432	143.00	143.01	FN		58					
K-12-0432	144.79	144.80	FN		48					
K-12-0432	145.55	145.56	FN		55					
K-12-0432	146.00	146.01	FN		58					
K-12-0432	147.50	147.51	FN		46					
K-12-0432	147.96	147.97	FN		53					
K-12-0432	149.00	149.01	FN		52					
K-12-0432	149.69	149.70	FN		42					
K-12-0432	151.05	151.06	FN		48					
K-12-0432	152.00	152.01	FN		54					
K-12-0432	153.19	153.20	FN		50					
K-12-0432	154.85	154.86	FN		50					
K-12-0432	155.17	155.18	FN		52					
K-12-0432	156.15	156.16	FN		52					
K-12-0432	156.50	156.51	FN		49					
K-12-0432	158.00	158.01	FN		58					
K-12-0432	159.14	159.15	FN		54					
K-12-0432	159.67	159.68	FN		46					
K-12-0432	161.00	161.01	FN		49					
K-12-0432	161.66	161.67	FN		53					
K-12-0432	163.00	163.01	STR		51	165				pyrite stringer set, FN alpha = 51, stringer alpha = 48
K-12-0432	163.18	163.19	FN		47					
K-12-0432	164.77	164.78	FN		48					
K-12-0432	165.51	165.52	FN		56					
K-12-0432	165.96	165.97	FN		46					
K-12-0432	166.50	166.51	FN		47					

Structures

Hole	From m	To m	Struct Code	Struct_Mod1	Struct Alpha	Struct Beta	Strike	Dip	Vergence	Comments
K-12-0438	8.45	8.46	FN	un	30					
K-12-0438	9.48	9.49	FN		52					
K-12-0438	10.00	10.01	FN		48					
K-12-0438	10.15	10.58	FN		0					sub-parallel TCA; fold zone
K-12-0438	12.30	12.31	FN		62					
K-12-0438	13.70	13.71	FN		69					
K-12-0438	14.20	14.21	FN		65					
K-12-0438	16.56	16.57	FN		66					
K-12-0438	16.57	16.58	FN		56					
K-12-0438	17.18	17.19	FA							
K-12-0438	18.07	18.08	FN		40					
K-12-0438	18.85	18.86	FN		60					
K-12-0438	19.67	19.68	FN		72					
K-12-0438	20.00	20.20	FLT							
K-12-0438	20.35	20.36	FN		64					
K-12-0438	21.25	21.26	FN		34					
K-12-0438	22.35	22.36	FN		34					
K-12-0438	22.75	22.76	FN		49					
K-12-0438	23.05	23.06	FN		16					
K-12-0438	23.75	23.76	FN		34					
K-12-0438	24.04	24.05	FN		44					
K-12-0438	25.70	25.71	FN		29					
K-12-0438	26.10	26.11	FN		24					
K-12-0438	27.40	27.41	FN		47					
K-12-0438	27.90	27.91	FN	un	44					
K-12-0438	29.40	29.41	FN	un	46					
K-12-0438	30.63	30.64	FN		39					
K-12-0438	31.70	31.71	FN		28					
K-12-0438	32.10	32.11	FN		64					
K-12-0438	33.25	33.26	FN		30					
K-12-0438	33.60	33.61	FN		24					
K-12-0438	35.62	35.63	FN		27					
K-12-0438	35.95	35.96	FN		27					
K-12-0438	37.60	37.61	FN		42					
K-12-0438	38.05	38.06	FN		50					
K-12-0438	39.36	39.37	FN		29					
K-12-0438	39.60	39.61	FN		18					
K-12-0438	39.79	39.80	FA							
K-12-0438	39.82	40.50	VN							qtz with minor sd/py mineralization
K-12-0438	41.23	41.24	FN		34					
K-12-0438	43.20	43.80	VN							qtz with minor py/sd mineralization
K-12-0438	44.27	44.28	FN		25					
K-12-0438	45.04	45.05	FN	un	38					
K-12-0438	45.10	47.00	FZN							
K-12-0438	47.20	47.90	FLD							
K-12-0438	49.25	49.26	FN		30					
K-12-0438	49.90	49.91	FN		54					
K-12-0438	51.20	51.21	FN		53					
K-12-0438	53.58	53.59	FN		62					
K-12-0438	55.80	56.20	VN							vn/flt; hard to approximate depth due to poor recovery
K-12-0438	58.95	58.96	FN		43					
K-12-0438	60.80	60.81	FN		26					
K-12-0438	62.62	62.63	FN		56					
K-12-0438	63.95	63.96	FN		46					
K-12-0438	65.50	65.51	FN		65					
K-12-0438	66.82	66.83	FN		46					
K-12-0438	67.98	67.99	FN		46					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0438	69.65	69.66	FN		32					
K-12-0438	71.86	71.87	FN		35					
K-12-0438	72.80	73.70	MRZ							
K-12-0438	74.10	74.11	FN		47					
K-12-0438	76.25	76.53	VN							qtz with minor sd mineralization
K-12-0438	76.95	76.96	FN		22					
K-12-0438	78.05	78.06	FN		41					
K-12-0438	79.70	79.71	FN		26					
K-12-0438	80.87	80.88	FN		20					
K-12-0438	82.70	84.11	FN	un	0					sub-parallel TCA
K-12-0438	84.40	85.00	FLD							
K-12-0438	85.00	86.00	FN	un	0					sub-parallel TCA
K-12-0438	86.00	89.80	MRZ							poor recovery
K-12-0438	90.41	90.42	FN		66					
K-12-0438	91.97	91.98	FN		52					
K-12-0438	92.56	92.57	FN		50					
K-12-0438	94.00	94.01	FN		0					sub-parallel.
K-12-0438	95.50	95.51	FN		0					sub-parallel.
K-12-0438	96.03	96.04	FN		71					
K-12-0438	96.85	96.86	FN		56					
K-12-0438	97.99	98.00	FN		65					
K-12-0438	98.42	98.43	FN		39					
K-12-0438	100.31	100.32	FN		0					sub-parallel.
K-12-0438	101.14	101.15	FN		0					sub-parallel.
K-12-0438	102.32	102.33	FN		66					
K-12-0438	102.80	102.81	FN		75					
K-12-0438	104.45	104.46	FN		39					
K-12-0438	106.26	106.27	FN		17					
K-12-0438	106.55	106.56	FN		0					sub-parallel.
K-12-0438	107.15	107.16	FN		15					
K-12-0438	108.39	108.40	FN		20					
K-12-0438	109.35	109.36	FN		66					
K-12-0438	111.00	111.01	FN		33					
K-12-0438	111.46	111.47	FN		34					
K-12-0438	112.14	112.15	FN		34					
K-12-0438	112.82	112.83	FN		26					
K-12-0438	113.52	113.53	FN		38					
K-12-0438	114.05	114.06	FN		35					
K-12-0438	114.98	114.99	FN		46					
K-12-0438	116.62	116.63	FN		35					
K-12-0438	117.69	117.70	FN		67					
K-12-0438	118.13	118.14	FN		62					
K-12-0438	118.93	118.94	FN		59					
K-12-0438	119.93	119.94	FN		50					
K-12-0438	121.29	121.30	FN		50					
K-12-0438	121.98	122.08	BR							cal/qtz matrix with schist clasts
K-12-0438	122.18	122.19	FN		68					
K-12-0438	123.30	123.31	FN		50					
K-12-0438	123.72	123.73	FN		73					
K-12-0438	125.41	125.42	FN		56					
K-12-0438	125.74	125.75	FN		46					
K-12-0438	126.54	126.55	FN		61					
K-12-0438	127.96	127.97	FN		48					
K-12-0438	129.16	129.17	FN		61					
K-12-0438	129.84	129.85	FN		51					
K-12-0438	131.28	131.29	FN		34					
K-12-0438	132.20	132.21	FN		35					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0438	132.90	132.91	FN		35					
K-12-0438	133.95	133.96	FN		43					
K-12-0438	135.28	135.29	FN		37					
K-12-0438	136.14	136.15	FN		35					
K-12-0438	137.15	137.16	FN		52					
K-12-0438	138.62	138.63	FN		24					
K-12-0438	138.80	138.81	FN		45					
K-12-0438	140.80	140.81	FN		40					
K-12-0438	141.29	141.30	CT	gc	37					gsch/ssch
K-12-0438	142.10	142.11	FN		34					
K-12-0438	143.50	143.51	FN		26					
K-12-0438	144.47	144.70	VN							qtz with blebs of sd
K-12-0438	145.70	145.71	FN		28					
K-12-0438	146.30	146.31	CT	gc	31					ssch/gsch
K-12-0438	148.05	148.06	FN		36					
K-12-0438	149.60	149.61	FN		52					
K-12-0438	150.80	150.81	CT	gc	36					gsch/ssch
K-12-0438	151.90	151.91	FN		34					
K-12-0438	152.40	152.41	CT	gc	39					gsch/qtzt
K-12-0438	154.10	154.11	FN		45					
K-12-0438	155.05	155.06	FN		55					
K-12-0438	156.30	156.31	FN		39					
K-12-0438	158.10	158.11	FN		26					
K-12-0438	159.50	159.51	FN		41					
K-12-0438	160.74	160.75	FN		35					
K-12-0438	161.80	161.81	FN		38					
K-12-0438	163.25	163.50	VN							qtz vn carrying cal/py
K-12-0438	164.65	164.66	FN		37					
K-12-0438	165.08	165.09	CT	gc	53					cqzt/qtzt
K-12-0438	166.50	166.51	FN		40					
K-12-0438	167.90	167.91	FN		43					
K-12-0438	169.60	169.61	FN		42					
K-12-0438	170.25	170.26	FN		35					
K-12-0438	172.92	172.93	FN		42					
K-12-0438	174.38	174.39	CT	gc	174.3800049					qtzt/gsch
K-12-0438	174.80	174.81	FN		40					
K-12-0438	175.94	175.95	FN		44					
K-12-0438	176.55	176.56	CT	gc	49					gsch/qtzt
K-12-0438	176.73	176.74	FN		48					
K-12-0438	178.16	178.17	FN		34					
K-12-0438	179.06	179.07	FN		34					
K-12-0438	179.69	179.70	FN		39					
K-12-0438	180.38	180.39	FN		51					
K-12-0438	181.25	181.26	FN		45					
K-12-0438	182.23	182.24	FN		36					
K-12-0438	183.38	183.39	FN		36					
K-12-0438	184.15	184.16	FN		36					
K-12-0438	185.65	185.66	FN		31					
K-12-0438	185.85	185.86	CT	gc	41					QTZT/CQTZT
K-12-0438	186.40	186.41	FN		42					
K-12-0438	189.59	189.60	FN		30					
K-12-0438	190.26	190.27	FN		39					
K-12-0438	191.21	191.22	FN		45					
K-12-0438	191.83	191.84	FN		45					
K-12-0438	191.85	191.86	CT	gc	45					CQTZT/QTZT
K-12-0438	192.43	192.44	FN		45					
K-12-0438	193.69	193.70	FN		45					

Structures

Hole	From_m	To_m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0438	194.85	194.86	FN		34					
K-12-0438	195.50	195.51	FN		30					
K-12-0438	196.96	196.97	FN		29					
K-12-0438	197.50	197.51	FN		30					
K-12-0438	199.07	199.08	FN		25					
K-12-0438	199.31	199.32	FN		28					
K-12-0438	200.74	200.75	FN		28					
K-12-0438	201.20	201.21	FN		29					
K-12-0438	203.52	203.53	FN		38					
K-12-0438	204.20	204.21	CT	gc	46					QTZT/SSCH
K-12-0438	204.74	204.75	FN		39					
K-12-0438	205.72	205.73	FN		37					
K-12-0438	206.16	206.17	FN		51					
K-12-0438	207.16	207.17	FN		48					
K-12-0438	208.26	208.27	FN		39					
K-12-0438	209.34	209.35	FN		39					
K-12-0438	209.94	209.95	FN		39					
K-12-0438	210.58	210.59	FN		45					
K-12-0438	212.20	212.21	FN		39					
K-12-0438	213.63	213.64	CT	gc	39					SSCH /GSCH
K-12-0438	213.73	213.74	FN		40					
K-12-0438	214.16	214.17	CT	gc						GSCH/QTZT
K-12-0438	214.57	214.58	FN		53					
K-12-0438	217.01	217.02	FN		35					
K-12-0438	217.15	217.16	VRG				90	19	north	
K-12-0438	217.73	217.74	FN		45					
K-12-0438	218.38	218.39	FN		31					
K-12-0438	219.90	219.91	VRG		28		90	52	north	
K-12-0438	220.24	220.25	FN		31					
K-12-0438	220.40	220.41	VRG		31					
K-12-0438	220.43	220.44	VRG		31		90	47	north	
K-12-0438	220.52	220.53	FN		39					
K-12-0438	221.60	221.61	VRG		35		90	41	north	
K-12-0438	221.97	221.98	FN		39					
K-12-0438	222.40	222.41	VRG		44		90	24	south	
K-12-0438	222.70	222.71	VRG		44		90	24	south	
K-12-0438	223.21	223.22	FN		30					
K-12-0438	223.54	223.55	FN		35					
K-12-0438	225.03	225.04	FN		39					
K-12-0438	226.13	226.14	FN		30					
K-12-0438	226.75	226.76	FN		36					
K-12-0438	227.97	227.98	FN		40					
K-12-0438	228.65	228.66	FN		40					
K-12-0438	229.07	229.08	FN		40					
K-12-0438	229.40	229.41	VRG		39		90	34	south	
K-12-0438	229.82	229.83	FN		40					
K-12-0438	232.34	232.35	FN		45					
K-12-0438	232.61	232.62	VRG		40		90	32	north	
K-12-0438	233.37	233.38	FN		54					
K-12-0438	233.91	233.92	FN		50					
K-12-0438	235.10	235.11	FN		45					
K-12-0438	235.69	235.70	FN		45					
K-12-0438	236.31	236.32	FN		45					
K-12-0438	238.00	238.01	FN		45					
K-12-0438	238.45	238.46	FN		45					
K-12-0438	240.03	240.04	FN		50					
K-12-0438	241.92	241.93	FN		49					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0438	243.35	243.36	FN		44					
K-12-0438	245.10	245.11	FN		44					
K-12-0438	246.48	246.49	FN		37					
K-12-0438	246.52	246.53	CT		34					
K-12-0438	247.78	247.79	FN		36					
K-12-0438	248.80	248.81	FN		41					
K-12-0438	250.65	250.66	FN		42					
K-12-0438	252.00	252.01	FN		48					
K-12-0438	253.75	253.76	FN		53					
K-12-0438	254.70	254.71	FN		50					
K-12-0438	256.15	256.16	FN		49					
K-12-0442	6.63	6.64	FN		71					
K-12-0442	7.73	7.74	FN		56					
K-12-0442	10.80	10.81	FN		63					
K-12-0442	10.95	10.96	FN		64					
K-12-0442	12.80	12.81	FN		72					
K-12-0442	14.42	14.43	FN		76					
K-12-0442	16.30	16.31	FN		69					
K-12-0442	18.50	18.51	FN		62					
K-12-0442	19.40	19.41	FN		60					
K-12-0442	20.67	20.68	FN		63					
K-12-0442	22.25	22.26	FA		60					
K-12-0442	23.10	25.90	MRZ							rubble/ frequent cleaving along foliation; minor zones of competence
K-12-0442	25.90	25.91	FN		54					
K-12-0442	26.02	26.03	FN		60					
K-12-0442	28.05	28.06	FN		67					
K-12-0442	28.45	28.46	FN		60					
K-12-0442	30.25	30.26	FN		68					
K-12-0442	31.95	31.96	FN		58					
K-12-0442	34.55	34.56	FN		56					
K-12-0442	35.05	35.06	FN		58					
K-12-0442	36.40	36.41	FN		55					
K-12-0442	38.04	38.05	FN		60					
K-12-0442	40.03	40.04	FN		46					
K-12-0442	41.15	41.16	FN		59					
K-12-0442	42.50	42.70	FLT							
K-12-0442	44.30	44.31	FN		59					
K-12-0442	47.20	47.21	FN		59					
K-12-0442	47.90	47.91	FN		58					
K-12-0442	48.40	48.41	FN		46					
K-12-0442	49.60	49.61	FN		45					
K-12-0442	51.36	51.37	FN		46					
K-12-0442	52.75	52.76	FN		45					
K-12-0442	54.15	54.16	FN		57					
K-12-0442	56.70	56.71	FN		62					
K-12-0442	57.60	57.61	FN		51					
K-12-0442	59.50	59.51	FN		62					
K-12-0442	60.15	60.16	FN		59					
K-12-0442	61.85	61.86	FN		55					
K-12-0442	62.62	62.63	FN		57					
K-12-0442	63.90	63.91	FN		56					
K-12-0442	65.25	65.26	FN		70					
K-12-0442	66.30	66.31	FN		29					
K-12-0442	67.97	67.98	FN		43					
K-12-0442	71.30	71.31	FN		69					
K-12-0442	71.65	71.66	FN		68					
K-12-0442	72.30	72.31	FN		58					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	72.54	72.55	CT	gc	55					ssch/gsch
K-12-0442	72.90	72.91	FN		65					
K-12-0442	73.90	73.91	FN		69					
K-12-0442	75.75	75.76	FN		50					
K-12-0442	77.68	77.69	FN		48					
K-12-0442	78.15	78.22	FLT							
K-12-0442	79.15	79.16	FN		33					
K-12-0442	79.40	79.50	FLT							
K-12-0442	80.07	80.08	FN		57					
K-12-0442	82.00	82.01	FN		65					
K-12-0442	83.03	83.04	FN		58					
K-12-0442	83.50	83.51	CT	gc	61					gsch/ssch
K-12-0442	84.40	84.41	FN		65					
K-12-0442	85.32	85.33	CT	gc						ssch/gsch
K-12-0442	86.45	86.46	FN		65					
K-12-0442	87.60	87.61	FN		62					
K-12-0442	87.62	87.63	CT	fc	36					gsch/ssch
K-12-0442	88.92	88.93	FN		54					
K-12-0442	89.70	89.71	FN		53					
K-12-0442	91.16	91.17	CT	gc	64					ssch/gsch
K-12-0442	91.45	91.46	FN		61					
K-12-0442	92.65	92.66	FN		58					
K-12-0442	94.57	94.58	VRG		51		90	40	north	
K-12-0442	95.10	95.11	FN		50					
K-12-0442	95.45	95.46	CT	gc	53					gsch/ssch
K-12-0442	95.55	95.56	FN		59					
K-12-0442	95.85	95.86	FN		44					
K-12-0442	96.70	96.71	FN		49					
K-12-0442	97.65	97.66	FN		26					
K-12-0442	99.05	99.06	FN		69					
K-12-0442	99.45	99.46	CT	gc	64					ssch/gsch
K-12-0442	99.60	99.61	FN		67					
K-12-0442	100.93	100.94	FN		64					
K-12-0442	101.30	101.31	CT	gc	62					gsch/qtzt
K-12-0442	101.50	101.51	FN		72					
K-12-0442	103.62	103.63	FN		58					
K-12-0442	104.20	104.21	FN		59					
K-12-0442	105.68	105.69	FN		65					
K-12-0442	107.65	107.66	FN		60					
K-12-0442	108.45	108.46	FN		58					
K-12-0442	109.82	109.83	VRG		62		90	29	south	
K-12-0442	110.05	110.06	FN		59					
K-12-0442	111.93	111.94	FN		61					
K-12-0442	113.69	113.70	FN		55					
K-12-0442	114.80	114.81	JN		12					joint-set from 114.5 - 116.9m
K-12-0442	115.38	115.39	FN		58					
K-12-0442	116.12	116.13	FN		57					
K-12-0442	116.35	116.36	FN		55					
K-12-0442	116.90	116.91	CT	gc	63					qtzt/gsch
K-12-0442	119.40	119.41	FN		57					
K-12-0442	119.43	119.44	CT	gc	59					gsch/qtzt
K-12-0442	119.63	119.64	FN		56					
K-12-0442	120.33	120.34	FN		52					
K-12-0442	121.78	121.79	FN		57					
K-12-0442	122.00	122.01	CT	gc	60					qtzt/cqtzt
K-12-0442	123.55	123.56	FN		58					
K-12-0442	124.30	124.31	FN		57					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	126.00	126.01	FN		50					
K-12-0442	126.15	126.16	FN		51					
K-12-0442	127.95	127.96	FN		52					
K-12-0442	129.12	129.13	FN		53					
K-12-0442	130.94	130.95	CT	gc	46					qtzt/gsch
K-12-0442	131.12	131.13	FN		47					
K-12-0442	132.40	132.41	CT	gc	44					gsch/qtzt
K-12-0442	133.00	133.01	FN		29					
K-12-0442	133.90	133.91	FN		56					
K-12-0442	134.60	134.61	FN		63					
K-12-0442	135.40	135.41	FN		47					
K-12-0442	135.60	135.61	FN		61					
K-12-0442	135.90	135.91	CT	gc	57					ssch/gsch
K-12-0442	137.52	137.53	FN		50					
K-12-0442	138.47	138.48	FN		54					
K-12-0442	139.95	139.96	FN		64					
K-12-0442	141.30	141.31	FN		61					
K-12-0442	142.40	142.41	FN		71					
K-12-0442	143.32	143.33	FN		57					
K-12-0442	145.10	145.11	FN		52					
K-12-0442	145.90	145.91	FN		55					
K-12-0442	146.00	146.95	MRZ							
K-12-0442	147.87	147.88	FN		62					
K-12-0442	149.60	149.61	FN		55					
K-12-0442	151.60	151.61	FN		66					
K-12-0442	152.30	152.31	FN		47					
K-12-0442	153.75	153.76	FN		50					
K-12-0442	153.82	155.00	JN		19					joint-set
K-12-0442	155.10	155.11	FN		56					
K-12-0442	156.86	156.87	FN		62					
K-12-0442	159.00	159.01	FN		57					
K-12-0442	160.20	160.21	FN		64					
K-12-0442	162.05	162.06	FN		56					
K-12-0442	164.90	164.91	FN		64					
K-12-0442	167.00	167.01	FN		65					
K-12-0442	167.90	167.91	FN		63					
K-12-0442	168.10	168.22	JN		46					joint-set
K-12-0442	168.94	168.95	FN		64					
K-12-0442	169.96	169.97	FN		64					
K-12-0442	170.25	170.26	VRG		57		90	34	south	
K-12-0442	171.73	171.74	FN		63					
K-12-0442	172.57	172.58	FN		61					
K-12-0442	173.08	173.74	MRZ							
K-12-0442	173.74	175.30	FLD							
K-12-0442	175.44	175.45	FN		64					
K-12-0442	176.70	176.71	FN		68					
K-12-0442	178.20	178.21	FN		66					
K-12-0442	179.34	179.35	FN		79					
K-12-0442	181.80	181.81	FN		74					
K-12-0442	184.10	184.11	FN		56					
K-12-0442	185.10	185.11	FN		57					
K-12-0442	186.90	186.91	FN		54					
K-12-0442	188.05	188.06	FN		54					
K-12-0442	189.00	189.01	FN		55					
K-12-0442	191.10	191.11	FN		50					
K-12-0442	193.00	193.01	FN		53					
K-12-0442	193.95	193.96	FN		66					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	194.10	194.11	FN		59					
K-12-0442	195.25	195.26	FLT		57					
K-12-0442	197.20	197.21	FN		60					
K-12-0442	198.30	198.31	FN		47					
K-12-0442	199.55	199.56	FN		52					
K-12-0442	201.45	201.46	FN		59					
K-12-0442	202.50	202.51	FN		52					
K-12-0442	203.60	203.61	FN		60					
K-12-0442	205.60	205.61	FN		63					
K-12-0442	206.50	206.51	FN		61					
K-12-0442	207.10	207.11	CT	gc	59					qtzt/gsch
K-12-0442	207.80	207.81	FN		59					
K-12-0442	208.16	208.17	CT	gc	52					gsch/qtzt
K-12-0442	208.60	208.61	FN		61					
K-12-0442	209.70	209.71	FN		58					
K-12-0442	210.95	210.96	JN		17					joint-set from 210.95 - 215.89m
K-12-0442	211.32	211.33	FN		54					
K-12-0442	212.05	212.06	FN		55					
K-12-0442	213.94	213.95	FN		56					
K-12-0442	215.12	215.13	FN		60					
K-12-0442	216.98	216.99	FN		61					
K-12-0442	218.55	218.56	FN		45					
K-12-0442	220.20	220.21	FN		46					
K-12-0442	220.70	220.71	FN		62					
K-12-0442	222.35	222.36	FN		50					
K-12-0442	222.50	222.51	CT	gc	54					gsch/qtzt
K-12-0442	223.05	223.06	FN		56					
K-12-0442	225.00	225.01	FN		63					
K-12-0442	226.93	226.94	FN		61					
K-12-0442	229.00	229.01	FN		57					
K-12-0442	230.60	230.61	FN		59					
K-12-0442	232.25	232.26	FN		54					
K-12-0442	233.50	233.51	FN		54					
K-12-0442	234.15	234.40	FLD							
K-12-0442	235.15	235.16	FN		41					
K-12-0442	236.55	236.56	FN		56					
K-12-0442	237.00	241.33	MRZ							
K-12-0442	241.35	241.37	FLT							
K-12-0442	241.50	241.51	FN		65					
K-12-0442	243.10	243.11	FN		60					
K-12-0442	245.70	245.71	FN		50					
K-12-0442	246.50	246.51	FN		71					
K-12-0442	249.90	249.91	FN		63					
K-12-0442	251.05	251.06	FN		65					
K-12-0442	252.80	252.81	FN		62					
K-12-0442	254.14	254.15	VRG		56		90	36	north	
K-12-0442	254.60	254.61	FN		65					
K-12-0442	254.68	254.69	VRG		62		90	30	south	
K-12-0442	256.64	256.65	FN		50					
K-12-0442	258.43	258.44	FN		61					
K-12-0442	258.55	260.00	MRZ							
K-12-0442	261.57	261.58	FN		68					
K-12-0442	263.45	263.46	FN		62					
K-12-0442	265.90	265.91	FN		62					
K-12-0442	266.90	266.91	FN		53					
K-12-0442	267.33	267.36	FLT							
K-12-0442	268.25	268.26	FN		59					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	270.20	270.21	FN		56					
K-12-0442	271.70	271.71	FN		64					
K-12-0442	273.20	273.21	FN		45					
K-12-0442	275.20	275.21	FN		50					
K-12-0442	275.63	275.64	STR		53	260				py stringer
K-12-0442	277.15	277.16	FN		49					
K-12-0442	278.55	278.56	FN		45					
K-12-0442	279.75	279.76	FN		56					
K-12-0442	280.80	282.68	MRZ							
K-12-0442	283.70	283.71	FN		52					
K-12-0442	285.20	285.21	FN		62					
K-12-0442	286.38	286.39	FN		56					
K-12-0442	289.80	290.10	MRZ							
K-12-0442	291.10	291.11	FN		59					
K-12-0442	292.96	292.97	FN		49					
K-12-0442	294.85	294.86	FN		56					
K-12-0442	297.25	297.26	FN		69					
K-12-0442	298.41	298.42	FN		65					
K-12-0442	299.70	299.71	FN		62					
K-12-0442	300.95	300.96	FN		62					
K-12-0442	302.10	302.11	FN		67					
K-12-0442	302.75	302.76	FN		60					
K-12-0442	304.82	304.83	VRG		70		90	21	north	
K-12-0442	305.05	305.06	FN		69					
K-12-0442	306.62	306.63	FN		56					
K-12-0442	309.33	309.34	FN		68					
K-12-0442	309.80	309.81	JN							slickensides surface with py mineralization
K-12-0442	311.33	311.34	FN		65					
K-12-0442	312.59	312.60	FN		68					
K-12-0442	314.50	314.51	FN		73					
K-12-0442	316.10	316.11	FN		79					
K-12-0442	317.40	317.41	FN		80					
K-12-0442	319.00	319.01	FN		74					
K-12-0442	321.40	321.41	FN		71					
K-12-0442	322.90	322.91	FN		71					
K-12-0442	323.11	324.15	MRZ							
K-12-0442	324.30	324.31	FN		65					
K-12-0442	324.75	325.93	MRZ							
K-12-0442	326.15	326.16	FN		54					
K-12-0442	327.15	327.16	FN		47					
K-12-0442	328.50	328.51	FN		45					
K-12-0442	330.80	330.81	FN		40					
K-12-0442	331.10	331.11	PA		58					
K-12-0442	332.65	332.66	PA		40					
K-12-0442	332.75	332.76	PA		61					
K-12-0442	334.50	334.51	PA		76					
K-12-0442	336.50	336.51	PA		67					
K-12-0442	337.37	337.38	PA		69					
K-12-0442	339.60	339.61	PA		61					
K-12-0442	342.15	342.16	PA		64					
K-12-0442	342.50	342.51	PA		58					
K-12-0442	346.30	346.31	PA		43					
K-12-0442	349.95	349.96	PA		62					
K-12-0442	350.55	350.56	FN		367					
K-12-0442	350.77	353.34	MRZ							
K-12-0442	354.14	354.15	FN		64					
K-12-0442	355.23	355.24	FN		72					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	356.25	356.26	FN		54					
K-12-0442	357.50	357.51	FN		66					
K-12-0442	359.10	359.11	FN		65					
K-12-0442	359.35	359.36	FN		67					
K-12-0442	360.85	360.86	FN		61					
K-12-0442	361.90	361.91	FN		65					
K-12-0442	362.85	362.86	FN		67					
K-12-0442	363.90	363.91	FN		66					
K-12-0442	364.95	364.96	FN		58					
K-12-0442	366.50	368.00	MRZ							
K-12-0442	368.05	368.06	FN		61					
K-12-0442	370.65	370.66	FN		63					
K-12-0442	371.60	371.61	FN		58					sheared gnst with foliation
K-12-0442	372.40	372.41	PA		59					
K-12-0442	374.20	374.21	PA		50					
K-12-0442	375.20	375.21	PA		65					
K-12-0442	376.25	376.26	PA		69					
K-12-0442	378.00	378.01	PA		71					
K-12-0442	378.42	378.43	FN		65					
K-12-0442	379.30	379.31	FN		58					
K-12-0442	380.07	380.08	FN		56					
K-12-0442	381.55	381.56	FN		52					
K-12-0442	382.40	383.00	MRZ							
K-12-0442	383.10	383.11	PA		66					
K-12-0442	384.90	384.91	PA		69					
K-12-0442	386.75	386.76	FN		68					
K-12-0442	391.30	391.31	FN		52					
K-12-0442	392.95	392.96	FN		62					
K-12-0442	394.28	394.29	FN		66					
K-12-0442	394.93	394.94	FN		59					
K-12-0442	395.50	395.51	FN		60					
K-12-0442	396.93	396.94	FN		45					
K-12-0442	398.15	398.16	FN		62					
K-12-0442	399.10	399.11	FN		65					
K-12-0442	400.40	400.41	FN		65					
K-12-0442	401.50	401.51	FN		67					
K-12-0442	403.00	403.01	FN		71					
K-12-0442	405.25	405.26	FN		72					
K-12-0442	405.50	407.90	MRZ							
K-12-0442	408.48	408.49	FN		51					
K-12-0442	409.50	409.51	FN		63					
K-12-0442	410.63	415.70	MRZ							
K-12-0442	415.92	415.93	FN		54					
K-12-0442	416.29	416.30	FN		46					
K-12-0442	417.10	417.11	FN		62					
K-12-0442	417.18	417.19	FN		65					
K-12-0442	419.07	419.82	BR							
K-12-0442	420.83	420.90	FLT							
K-12-0442	420.90	422.15	BR							
K-12-0442	422.15	423.10	VM	rm						
K-12-0442	423.15	423.16	FN		44					
K-12-0442	426.70	426.71	FN		46					
K-12-0442	429.70	429.71	FN		65					
K-12-0442	430.40	430.41	FN		49					
K-12-0442	433.50	433.51	FN		58					
K-12-0442	435.60	435.61	FN		60					
K-12-0442	436.75	436.76	FN		69					

Structures

Hole	From_m	To_m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0442	439.00	439.01	FN		65					
K-12-0442	439.82	439.83	FN		56					
K-12-0442	441.85	441.86	FN		64					
K-12-0442	442.30	443.00	MRZ							
K-12-0442	444.55	444.56	FN		63					
K-12-0442	445.96	445.97	PA		73					
K-12-0442	447.25	447.26	PA		58					
K-12-0442	448.95	448.96	PA		63					
K-12-0442	449.10	449.11	CT	gc	55					gnst/qtzt
K-12-0442	450.70	450.71	FN		66					
K-12-0442	451.60	451.61	FN		71					
K-12-0442	452.00	452.01	JN		20					joint-set from 450.2 - 452.45m
K-12-0442	452.95	452.96	FN		61					
K-12-0442	454.88	454.89	FN		56					
K-12-0442	455.75	455.76	FN		58					
K-12-0442	457.15	457.16	FN		62					
K-12-0442	457.70	457.71	FN		58					
K-12-0442	458.56	458.57	FN		52					
K-12-0442	460.28	460.29	FN		66					
K-12-0442	461.08	461.09	FN		58					
K-12-0442	462.55	462.56	FN		61					
K-12-0442	464.03	464.04	FN		65					
K-12-0442	465.45	465.46	CT	gc	60					qtzt/gsch
K-12-0442	465.84	465.85	FN		66					
K-12-0442	466.85	466.86	FN		71					
K-12-0442	467.09	467.10	CT	gc	65					gsch/qtzt
K-12-0442	468.00	468.01	FN		66					
K-12-0442	469.85	469.86	FN		71					
K-12-0442	471.50	471.51	FN		69					
K-12-0442	473.10	473.11	FN		61					
K-12-0442	474.35	474.36	FN		59					
K-12-0442	474.48	474.49	CT	gc	66					qtzt/gsch
K-12-0442	475.20	475.21	FN		56					
K-12-0442	475.59	475.60	CT	gc	61					gsch/qtzt
K-12-0442	476.03	476.04	FN		65					
K-12-0442	478.00	478.01	FN		59					
K-12-0442	479.45	479.46	FN		56					
K-12-0442	481.35	481.36	FN		59					
K-12-0442	481.65	481.66	FN		63					
K-12-0442	481.95	481.96	FN		66					
K-12-0450	5.60	5.61	FN		53					
K-12-0450	6.13	6.14	FN		49					
K-12-0450	7.07	7.08	FN		41					
K-12-0450	7.89	7.90	FN		42					
K-12-0450	10.56	10.57	FN		46					
K-12-0450	10.92	10.93	FN		43					
K-12-0450	11.72	11.73	FN		38					
K-12-0450	13.06	13.07	FN		51					
K-12-0450	13.22	13.23	FN		38					
K-12-0450	18.27	18.28	FN		42					
K-12-0450	18.70	18.71	FN		37					
K-12-0450	19.05	19.06	FN		28					
K-12-0450	19.27	19.28	FN		36					
K-12-0450	20.68	20.69	FN		43					
K-12-0450	21.37	21.38	FN		37					
K-12-0450	22.56	22.57	FN		40					
K-12-0450	23.26	23.27	FN		49					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0450	24.27	24.28	FN		31					
K-12-0450	24.66	24.67	FN		23					
K-12-0450	25.47	25.48	FN		15					
K-12-0450	26.54	26.55	FN		19					
K-12-0450	27.58	27.59	FN		22					
K-12-0450	30.17	30.18	FN		23					
K-12-0450	30.73	30.74	FN		22					
K-12-0450	31.80	31.81	FN		35					
K-12-0450	32.68	32.69	FN		25					
K-12-0450	33.69	33.70	FN		31					
K-12-0450	34.24	34.25	FN		26					
K-12-0450	35.72	35.73	FN		27					
K-12-0450	37.06	37.07	FN		30					
K-12-0450	38.35	38.36	FN		56					
K-12-0450	39.29	39.30	FN		38					
K-12-0450	39.65	39.66	FN		49					
K-12-0450	40.87	40.88	FN		31					
K-12-0450	41.12	41.13	FN		30					
K-12-0450	42.48	42.49	FN		25					
K-12-0450	43.68	43.69	FN		17					
K-12-0450	44.92	44.93	FN		39					
K-12-0450	45.49	45.50	FN		32					
K-12-0450	46.68	46.69	FN		33					
K-12-0450	46.74	46.75	FN		25					
K-12-0450	46.84	46.85	FN		34					
K-12-0450	47.14	47.15	FN		38					
K-12-0450	47.29	47.30	FN		35					
K-12-0450	48.74	48.75	FN		44					
K-12-0450	49.14	49.15	FN		31					
K-12-0450	50.06	50.07	FN		25					
K-12-0450	50.48	50.49	FN		35					
K-12-0450	50.99	51.00	FN		39					
K-12-0450	51.52	51.53	FN		37					
K-12-0450	51.61	51.62	FLD				90	17	n	
K-12-0450	52.47	52.48	FN		31					
K-12-0450	52.94	52.95	FN		41					
K-12-0450	53.37	53.38	FN		24					
K-12-0450	54.84	54.85	FN		26					
K-12-0450	55.10	55.11	FN		16					
K-12-0450	59.75	59.76	FN		41					
K-12-0450	61.78	61.79	FN		46					
K-12-0450	62.51	62.52	FN		22					
K-12-0450	64.42	64.43	FN		34					
K-12-0450	65.55	65.56	FN		18					
K-12-0450	69.76	69.77	FN		26					
K-12-0450	70.39	70.40	FN		27					
K-12-0450	71.45	71.46	FN		26					
K-12-0450	72.25	72.26	FN		45					
K-12-0450	73.06	73.07	FN		13					
K-12-0450	74.84	74.85	FN		13					
K-12-0450	75.18	75.19	FN		26					
K-12-0450	76.67	76.68	FN		47					
K-12-0450	77.98	77.99	FN		26					
K-12-0450	78.60	78.61	FN		41					
K-12-0450	78.93	78.94	FN		40					
K-12-0450	80.13	80.14	FN		27					
K-12-0450	81.73	81.74	FN		23					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0450	82.32	82.33	FN		20					
K-12-0450	83.03	83.04	FN		33					
K-12-0450	83.65	83.66	FN		31					
K-12-0450	84.90	84.91	FN		38					
K-12-0450	86.00	86.01	FN		26					
K-12-0450	86.66	86.67	FN		37					
K-12-0450	86.67	86.68	FN		37					
K-12-0450	87.94	87.95	FN		44					
K-12-0450	90.41	90.42	FN		63					
K-12-0450	91.09	91.10	FN		56					
K-12-0450	92.63	92.64	FN		50					
K-12-0450	94.00	94.01	FN		22					
K-12-0450	96.00	96.01	FN		33					
K-12-0450	96.60	96.61	FN		6					
K-12-0450	97.70	97.71	FN		13					
K-12-0450	97.95	97.96	FN		27					
K-12-0450	98.39	98.40	FN		30					
K-12-0450	100.17	100.18	FN		5					
K-12-0450	101.00	101.01	FN		44					
K-12-0450	102.20	102.21	FN		54					
K-12-0450	103.20	103.21	FN		34					
K-12-0450	103.23	103.24	FN		33					
K-12-0450	104.04	104.05	FN		67					
K-12-0450	104.17	104.18	FN		26					
K-12-0450	105.87	105.88	FN		50					
K-12-0450	106.47	106.48	FN		30					
K-12-0450	107.15	107.16	FN		18					
K-12-0450	107.91	107.92	FN		27					
K-12-0450	108.91	108.92	FN		22					
K-12-0450	110.60	110.61	FN		22					
K-12-0450	111.30	111.31	FN		16					
K-12-0450	113.03	113.04	FN		28					
K-12-0450	113.60	113.61	FN		43					
K-12-0450	114.36	114.37	FN		39					
K-12-0450	116.15	116.16	FN		10					
K-12-0450	116.81	116.82	FN		34					
K-12-0450	117.73	117.74	FN		36					
K-12-0450	118.55	118.56	FN		17					
K-12-0450	119.91	119.92	FN		46					
K-12-0450	120.31	120.32	FN		33					
K-12-0450	121.92	121.93	FN		45					
K-12-0450	123.50	123.51	FN		50					
K-12-0450	123.81	123.82	FN		7					
K-12-0450	123.83	123.84	FN		53					
K-12-0450	124.76	124.77	FN		13					
K-12-0450	125.10	125.11	FN		23					
K-12-0450	125.20	125.21	FN		9					
K-12-0450	126.16	126.17	FN		53					
K-12-0450	127.15	127.16	FN		21					
K-12-0450	128.86	128.87	FN		38					
K-12-0450	130.00	130.01	FN		50					
K-12-0450	130.70	130.71	FN		41					
K-12-0450	131.30	131.31	FN		28					
K-12-0450	132.31	132.32	FN		14					
K-12-0450	133.10	133.11	FN		49					
K-12-0450	134.25	134.26	FN		21					
K-12-0450	135.12	135.13	FN		64					

Structures

Hole	From_m	To_m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0450	136.35	136.36	FN		7					
K-12-0450	137.00	137.01	FN		35					
K-12-0450	138.58	138.59	FN		70					
K-12-0450	139.75	139.76	FN		4					
K-12-0450	140.40	140.41	FN		31					
K-12-0450	140.95	140.96	FN		35					
K-12-0450	142.08	142.09	FN		53					
K-12-0450	142.85	142.86	FN		16					
K-12-0450	143.82	143.83	FN		61					
K-12-0450	144.71	144.72	FN		28					
K-12-0450	145.70	145.71	FN		51					
K-12-0450	146.01	146.02	FN		47					
K-12-0450	147.09	147.10	FN		29					
K-12-0450	148.99	149.00	FN		48					
K-12-0450	149.14	149.15	FN		40					
K-12-0450	149.97	149.98	FN		42					
K-12-0450	151.58	151.59	FN		30					
K-12-0450	151.99	152.00	FN		30					
K-12-0450	152.97	152.98	FN		32					
K-12-0450	153.83	153.84	FN		22					
K-12-0450	154.93	154.94	FN		17					
K-12-0450	155.63	155.64	FN		11					
K-12-0450	156.43	156.44	FN		31					
K-12-0450	157.45	157.46	FN		26					
K-12-0450	158.17	158.18	FN		26					
K-12-0450	159.00	159.01	FN		26					
K-12-0450	159.87	159.88	FN		20					
K-12-0450	161.01	161.02	FN		29					
K-12-0450	161.22	161.23	FN		33					
K-12-0450	162.62	162.63	FN		22					
K-12-0450	163.24	163.25	FN		19					
K-12-0450	163.97	163.98	FN		34					
K-12-0457	5.02	5.03	FN		60					
K-12-0457	8.10	8.11	FN		52					
K-12-0457	10.57	10.75	FLD							
K-12-0457	11.00	11.20	MRZ							
K-12-0457	12.08	12.09	FN	u	60					
K-12-0457	13.20	13.21	FN		43					
K-12-0457	14.50	15.20	FLD							
K-12-0457	15.45	15.46	FN		44					
K-12-0457	16.40	17.18	FN	u	0					subparallel TCA
K-12-0457	17.80	17.81	FN		34					
K-12-0457	19.85	19.86	FN		19					
K-12-0457	20.30	20.31	FN		18					
K-12-0457	21.85	21.86	FN		67					
K-12-0457	23.40	23.41	FN		46					
K-12-0457	24.30	24.31	FN		20					
K-12-0457	25.50	25.51	FN		13					
K-12-0457	26.65	27.70	FLD							
K-12-0457	28.60	28.61	FN		25					
K-12-0457	29.35	29.36	FN		36					
K-12-0457	30.70	30.71	FN		32					
K-12-0457	32.30	32.31	FN		24					
K-12-0457	33.70	33.71	FN		11					
K-12-0457	34.92	35.45	FLD							
K-12-0457	36.10	36.11	FN		37					
K-12-0457	38.20	38.21	FN		31					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0457	39.30	39.31	FN		57					
K-12-0457	41.70	41.71	FN		32					
K-12-0457	43.60	43.61	FN		24					
K-12-0457	45.80	45.81	FN		54					
K-12-0457	46.00	46.81	FLD							
K-12-0457	47.25	47.26	FN		21					
K-12-0457	49.50	49.51	FN		13					
K-12-0457	50.30	50.31	FN		8					
K-12-0457	52.90	52.91	FN		26					
K-12-0457	54.80	54.81	FN		15					
K-12-0457	56.45	56.46	FN		37					
K-12-0457	58.00	58.01	FN		26					
K-12-0457	59.35	59.36	FN		9					
K-12-0457	61.60	61.61	FN		54					
K-12-0457	63.10	63.11	FN		39					
K-12-0457	65.30	65.31	FN		25					
K-12-0457	67.00	67.01	FN		28					
K-12-0457	68.50	68.51	FN		12					
K-12-0457	70.50	70.51	FN		19					
K-12-0457	71.80	71.81	FN		54					
K-12-0457	73.60	73.61	FN		28					
K-12-0457	75.00	76.08	FN		0					subparallel TCA
K-12-0457	77.25	77.26	FN		34					
K-12-0457	79.00	79.01	FN		11					
K-12-0457	79.75	80.15	VN							
K-12-0457	80.40	81.54	FN	un	0					subparallel TCA
K-12-0457	81.85	81.86	FN		7					
K-12-0457	82.50	83.68	FN	un	0					subparallel TCA
K-12-0457	84.37	84.38	FN		17					
K-12-0457	84.77	85.17	VN							
K-12-0457	85.70	86.00	VN							
K-12-0457	86.85	86.86	FN		21					
K-12-0457	87.82	88.10	VN							
K-12-0457	88.80	88.81	FN		38					
K-12-0457	88.87	89.35	VN							
K-12-0457	89.90	90.42	VN							
K-12-0457	90.43	91.00	FN		0					subparallel TCA
K-12-0457	91.00	91.56	VN							
K-12-0457	92.50	92.51	FN		86					
K-12-0457	93.10	93.32	VN							
K-12-0457	94.28	94.63	VN							
K-12-0457	95.30	96.10	FN		0					subparallel TCA
K-12-0457	96.68	96.69	FN		35					
K-12-0457	98.80	98.81	FN		10					
K-12-0457	100.00	100.01	FN		18					
K-12-0457	102.12	102.13	CT	gc	30					ssch/gsch
K-12-0457	102.25	102.26	FN		30					
K-12-0457	103.80	103.81	FN		58					
K-12-0457	106.15	106.16	FN		31					
K-12-0457	108.50	108.51	FN		25					
K-12-0457	109.80	109.81	FN		26					
K-12-0457	111.85	111.86	FN		31					
K-12-0457	113.15	113.16	FN		30					
K-12-0457	115.75	115.76	FN		65					
K-12-0457	117.90	117.91	FN		25					
K-12-0457	118.40	118.41	CT	gc	30					gsch/ssch
K-12-0457	118.95	118.96	FN		35					

Structures

Hole	From_m	To_m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0457	121.30	121.31	FN		23					
K-12-0457	122.80	123.19	VN							
K-12-0457	124.20	124.21	FN		34					
K-12-0457	125.75	125.76	FN		25					
K-12-0457	127.75	127.76	FN		29					
K-12-0457	130.20	130.21	FN		38					
K-12-0457	133.05	133.06	FN		43					
K-12-0457	133.75	133.76	FN		39					
K-12-0457	134.90	134.91	FN		54					
K-12-0457	135.37	135.38	CT	gc	35					ssch/gsch
K-12-0457	135.75	135.76	FN		48					
K-12-0457	135.95	135.96	CT	gc	47					gsch/qtzt
K-12-0457	136.40	136.41	FN		44					
K-12-0457	137.48	137.49	FN		50					
K-12-0457	138.37	138.38	CT	gc	34					gsch/qtzt
K-12-0457	139.45	139.46	FN		28					
K-12-0457	141.00	141.01	FN		39					
K-12-0457	142.75	142.76	FN		40					
K-12-0457	144.50	144.51	FN		43					
K-12-0457	145.97	145.98	FLT		45					
K-12-0457	148.65	148.66	FN		40					
K-12-0457	150.10	150.11	FN		38					
K-12-0457	150.52	150.53	CT	gc	28					qtzt/cqzt
K-12-0457	150.72	150.73	FN		36					
K-12-0457	150.93	150.94	CT	gc	39					cqzt/qtzt
K-12-0457	151.95	151.96	FN		39					
K-12-0457	153.80	153.81	FN		32					
K-12-0457	155.40	155.41	FN		34					
K-12-0457	156.95	156.96	FN		41					
K-12-0457	157.16	157.60	MRZ							
K-12-0457	159.50	159.51	FN		31					
K-12-0457	161.20	161.21	FN		52					
K-12-0457	163.55	163.56	FN		42					
K-12-0457	164.45	164.46	FN		33					
K-12-0457	164.70	164.71	CT	gc	42					gsch/qtzt
K-12-0457	165.25	165.26	FN		20					
K-12-0462	7.04	7.45	FZN							
K-12-0462	8.35	8.36	FN		60					
K-12-0462	9.98	9.99	FN		53					
K-12-0462	11.03	11.60	RZ							
K-12-0462	11.64	11.65	FN		40					
K-12-0462	12.71	12.72	FN		71					
K-12-0462	13.81	13.82	FLD							
K-12-0462	14.26	14.27	FN		48					
K-12-0462	14.51	14.60	RZ							
K-12-0462	16.98	16.99	FN		70					
K-12-0462	19.26	19.27	FN		17					
K-12-0462	19.73	20.00	RZ							
K-12-0462	20.70	20.89	RZ							
K-12-0462	22.35	22.36	FN		34					
K-12-0462	22.62	22.65	FLT							
K-12-0462	23.74	23.75	FN		55					
K-12-0462	25.95	25.96	FN		35					
K-12-0462	27.62	27.63	FN		77					
K-12-0462	27.62	27.63	FN		40					Secondary (?) foliation crosscutting primary foliation. Oriented with late phase folding.
K-12-0462	30.11	30.12	FN		56					
K-12-0462	32.14	32.15	FN		56					

Structures

Hole	From m	To m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0462	33.77	33.78	FN		28					
K-12-0462	35.76	35.77	FN		19					
K-12-0462	36.41	36.42	FN		22					
K-12-0462	37.70	37.71	FN		29					
K-12-0462	38.65	38.66	FN		51					
K-12-0462	40.61	40.62	FN		28					
K-12-0462	40.79	40.80	FN		64					
K-12-0462	41.61	41.62	FN		59					
K-12-0462	42.02	42.03	FN		63					
K-12-0462	42.22	42.25	FLT							?
K-12-0462	43.78	43.79	FN		27					
K-12-0462	44.28	44.29	FN		39					
K-12-0462	45.02	45.03	FN		85					
K-12-0462	46.11	46.12	FN		48					
K-12-0462	46.90	46.91	FN		19					
K-12-0462	48.70	48.71	FN		15					
K-12-0462	50.39	50.40	FN		30					
K-12-0462	53.31	53.32	FN		56					
K-12-0462	53.82	53.83	FN		49					
K-12-0462	57.18	57.19	FN		38					
K-12-0462	58.94	58.95	FN		40					
K-12-0462	60.32	60.33	FN		45					
K-12-0462	60.94	60.95	FN		45					
K-12-0462	62.48	62.49	FN		51					
K-12-0462	63.61	63.62	FN		35					
K-12-0462	64.55	65.00	VN							
K-12-0462	65.22	65.23	FN		35					
K-12-0462	65.49	65.50	FN		32					
K-12-0462	66.50	66.51	FN		69					
K-12-0462	68.05	68.06	FN		56					
K-12-0462	69.32	69.33	FN		79					
K-12-0462	69.72	69.73	FN		17					
K-12-0462	70.48	70.49	FN		35					
K-12-0462	72.00	72.01	FN		71					
K-12-0462	74.20	74.21	FN		63					
K-12-0462	75.72	75.73	FN		72					
K-12-0462	76.23	76.24	FN		52					
K-12-0462	76.90	76.91	FN		29					
K-12-0462	78.04	78.05	FN		66					
K-12-0462	78.73	78.74	FN		75					
K-12-0462	79.68	79.69	FN		69					
K-12-0482	14.00	14.01	FN		35					
K-12-0482	14.60	14.61	FN		32					
K-12-0482	16.80	16.81	FN		38					
K-12-0482	16.99	17.00	FN		36					
K-12-0482	18.24	18.25	FN		42					
K-12-0482	19.90	19.91	FN		40					
K-12-0482	21.00	21.01	FN		28					
K-12-0482	23.10	23.11	FN		11					
K-12-0482	24.23	24.24	FN		36					
K-12-0482	28.29	28.30	FN		39					
K-12-0482	29.05	29.06	FN		48					
K-12-0482	32.54	32.55	FN		47					
K-12-0482	33.44	33.45	FN		42					
K-12-0482	37.82	37.83	FN		31					
K-12-0482	40.35	40.36	FN		43					
K-12-0482	41.95	41.96	FN		38					

Structures

Hole	From_m	To_m	Struct_Code	Struct_Mod1	Struct_Alpha	Struct_Beta	Strike	Dip	Vergence	Comments
K-12-0482	42.95	42.96	FN		46					
K-12-0482	45.00	45.01	FN		38					
K-12-0482	47.23	47.24	FN		35					
K-12-0482	49.03	49.04	FN		35					
K-12-0482	51.42	51.43	FN		20					
K-12-0482	52.20	52.21	FN		17					
K-12-0482	52.55	52.56	FN		20					
K-12-0482	53.55	53.56	FN		33					
K-12-0482	54.23	54.24	FN		45					
K-12-0482	55.04	55.05	FN		48					
K-12-0482	56.18	56.19	FN		40					
K-12-0482	57.18	57.19	FN		57					
K-12-0482	58.90	58.91	FN		50					
K-12-0482	62.20	62.21	FN		35					
K-12-0482	62.64	62.65	FN		17					

DrillHoleAssays

Hole	Sample	From_m	To_m	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm
K-12-0442	M365786	38.00	39.37	-0.01	-0.5	11	106	5.59	16	1610	1.5	-2	0.19	-0.5	9
K-12-0442	M365787	39.37	41.00	-0.01	4.7	78	45	4.05	1530	520	0.8	19	0.11	-0.5	24
K-12-0442	M365789	41.00	42.32	-0.01	0.7	10	2580	4.17	66	570	0.8	7	0.28	33.1	8
K-12-0442	M365790	42.32	42.70	-0.01	3.2	385	300	9.27	62	770	2.8	-2	0.65	2.1	16
K-12-0442	M365791	44.00	45.40	-0.01	-0.5	13	290	8.19	17	2420	2.2	-2	0.26	1.4	12
K-12-0442	M365792	386.00	387.10	-0.01	0.5	30	123	8.10	14	1420	2.1	-2	0.72	0.5	11
K-12-0442	M365794	387.10	389.06	-0.01	0.6	39	150	9.90	13	1580	2.7	-2	0.87	0.5	12
K-12-0442	M365795	389.06	390.80	-0.01	3.3	390	1410	8.90	29	1240	2.8	-2	0.58	11.1	10
K-12-0442	M365796	390.80	391.10	0.05	29.9	460	706	5.36	1340	40	3.2	13	0.21	5.6	1
K-12-0442	M365798	391.10	391.50	-0.01	0.5	65	224	0.77	11	110	-0.5	-2	0.14	1.4	1
K-12-0442	M365799	391.50	392.80	-0.01	1.2	45	310	1.40	57	230	-0.5	3	0.19	3.4	1
K-12-0442	M365800	392.80	394.62	-0.01	-0.5	7	32	0.84	-5	130	-0.5	-2	0.12	-0.5	2
K-12-0442	M365801	394.62	396.30	-0.01	-0.5	11	33	2.36	6	410	0.6	12	0.15	-0.5	3
K-12-0442	M365802	396.30	398.15	0.01	1.4	16	29	0.95	18	170	-0.5	6	0.14	-0.5	1
K-12-0442	M365836	398.15	399.72	-0.01	-0.5	8	59	4.59	10	640	1.1	3	0.78	0.8	6
K-12-0442	M365803	399.75	401.53	0.01	-0.5	17	86	6.58	11	1020	1.8	-2	0.34	-0.5	10
K-12-0442	M365804	401.53	403.90	-0.01	-0.5	17	108	8.21	14	1210	2.1	-2	0.46	-0.5	11
K-12-0442	M365805	403.90	405.70	-0.01	-0.5	8	36	1.85	-5	280	-0.5	-2	0.23	-0.5	3
K-12-0442	M365806	405.70	407.90	-0.01	-0.5	8	27	2.05	7	280	0.5	-2	1.67	-0.5	2
K-12-0442	M365807	407.90	410.00	-0.01	-0.5	9	37	2.24	8	330	0.6	-2	0.45	-0.5	3
K-12-0442	M365808	410.00	413.00	-0.01	1.7	32	217	2.35	13	290	0.6	2	0.42	1.4	5
K-12-0442	M365809	413.00	416.00	-0.01	0.6	25	485	2.94	451	380	0.9	-2	0.33	3.2	6
K-12-0442	M365810	416.00	416.39	-0.01	-0.5	23	431	0.91	6	150	-0.5	-2	0.21	2.8	1
K-12-0442	M365811	416.39	417.15	-0.01	1.7	35	145	7.92	24	60	0.7	-2	2.95	-0.5	45
K-12-0442	M365812	417.15	419.07	-0.01	2.9	64	165	6.85	25	990	2.1	-2	1.57	0.9	7
K-12-0442	M365814	419.07	419.75	-0.01	1.7	22	74	1.19	155	40	-0.5	-2	0.09	-0.5	2
K-12-0442	M365816	419.75	420.90	0.01	25.3	41	42	0.79	500	40	0.5	-2	0.06	-0.5	4
K-12-0442	M365818	420.90	421.45	-0.01	7.3	49	114	1.68	235	180	0.6	13	0.14	0.8	2
K-12-0442	M365819	421.45	422.15	-0.01	1.4	25	69	0.53	125	30	-0.5	4	0.08	0.5	-1
K-12-0442	M365820	422.15	422.70	0.21	19.2	91	118	2.44	5610	20	0.7	29	0.10	0.6	6
K-12-0442	M365821	422.70	423.10	0.05	3.0	54	160	2.59	638	20	0.7	5	0.21	1.7	2
K-12-0442	M365823	423.10	423.42	-0.01	2.2	164	371	3.05	100	360	0.7	-2	0.45	3.2	1
K-12-0442	M365824	423.42	424.63	-0.01	1.1	81	297	4.64	80	470	1.1	2	0.36	2.7	4
K-12-0442	M365825	424.63	425.00	-0.01	-0.5	25	32	0.59	19	60	-0.5	-2	0.43	0.9	1
K-12-0442	M365827	425.00	426.39	-0.01	-0.5	20	307	1.75	14	270	0.5	-2	0.17	2.6	2
K-12-0442	M365828	426.39	426.84	-0.01	2.8	311	1430	5.81	34	510	1.5	-2	0.31	10.0	7

DrillHoleAssays

Hole	Sample	From_m	To_m	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm
K-12-0442	M365829	426.84	428.00	-0.01	0.5	33	401	0.65	14	90	-0.5	2	0.08	3.8	2
K-12-0442	M365830	428.00	429.35	-0.01	0.5	39	424	1.19	11	190	-0.5	-2	0.07	4.0	1
K-12-0442	M365831	429.35	430.27	-0.01	1.6	118	221	6.76	36	640	1.8	3	0.24	1.8	9
K-12-0442	M365832	430.27	430.60	-0.01	0.5	12	93	1.40	13	230	-0.5	-2	0.05	1.2	2
K-12-0442	M365833	430.60	431.44	-0.01	0.5	14	26	0.55	75	80	-0.5	-2	0.12	0.7	-1
K-12-0442	M365834	431.44	432.28	-0.01	0.6	129	670	4.29	26	670	1.0	-2	0.23	5.3	5
K-12-0442	M365835	432.28	434.00	-0.01	89.0	59	355	8.57	27	1240	2.1	-2	0.81	2.7	13
K-12-0462	M375788	63.70	64.55	0.04	-0.5	39	74	6.95	-5	870	1.8	-2	0.72	-0.5	10
K-12-0462	M375789	64.55	65.00	-0.01	-0.5	66	14	7.00	-5	80	1.1	2	0.81	-0.5	7
K-12-0462	M375790	65.00	65.76	0.02	-0.5	8	88	8.76	5	1020	2.5	-2	0.35	-0.5	15

DrillHoleAssays

Hole	Sample	From_m	To_m	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	S_%
K-12-0442	M365786	38.00	39.37	94	58	3.16	20	1.72	30	0.55	174	1	0.17	49	730	0.96
K-12-0442	M365787	39.37	41.00	36	137	5.43	20	1.09	30	0.78	432	-1	0.07	15	290	2.05
K-12-0442	M365789	41.00	42.32	41	110	4.96	10	1.32	20	0.60	419	-1	0.09	18	280	2.20
K-12-0442	M365790	42.32	42.70	108	97	6.35	20	2.88	50	1.06	582	4	0.27	69	590	3.20
K-12-0442	M365791	44.00	45.40	121	55	4.49	20	2.16	40	0.94	168	3	0.39	72	780	1.45
K-12-0442	M365792	386.00	387.10	128	32	4.08	20	1.83	40	0.89	140	-1	0.53	48	890	1.24
K-12-0442	M365794	387.10	389.06	138	27	4.26	30	2.42	40	0.75	252	-1	0.57	59	1050	0.95
K-12-0442	M365795	389.06	390.80	118	38	4.87	20	2.85	40	0.63	3710	-1	0.28	47	1000	0.95
K-12-0442	M365796	390.80	391.10	90	370	16.40	20	0.75	30	0.74	259	-1	0.27	24	640	10.00
K-12-0442	M365798	391.10	391.50	37	10	1.49	-10	0.25	10	0.10	79	-1	0.02	3	210	1.20
K-12-0442	M365799	391.50	392.80	45	81	2.43	-10	0.47	10	0.16	137	-1	0.02	7	320	2.09
K-12-0442	M365800	392.80	394.62	44	9	0.91	-10	0.28	10	0.08	57	-1	0.01	6	240	0.47
K-12-0442	M365801	394.62	396.30	65	169	4.16	10	0.73	10	0.26	313	-1	0.05	14	520	2.21
K-12-0442	M365802	396.30	398.15	47	47	1.89	-10	0.30	10	0.13	140	-1	0.02	6	270	1.13
K-12-0442	M365836	398.15	399.72	72	13	2.96	10	1.07	20	0.50	326	-1	0.11	25	720	0.62
K-12-0442	M365803	399.75	401.53	93	19	3.32	20	1.39	30	0.39	226	-1	0.18	41	720	0.36
K-12-0442	M365804	401.53	403.90	115	24	4.35	20	1.74	40	0.53	389	-1	0.21	51	780	0.58
K-12-0442	M365805	403.90	405.70	52	5	1.01	10	0.46	10	0.14	59	-1	0.06	11	390	0.26
K-12-0442	M365806	405.70	407.90	51	6	1.83	-10	0.49	10	0.68	203	-1	0.06	13	440	0.27
K-12-0442	M365807	407.90	410.00	57	7	1.38	10	0.57	10	0.24	137	-1	0.08	14	460	0.42
K-12-0442	M365808	410.00	413.00	65	16	2.18	10	0.58	10	0.28	981	-1	0.06	18	450	0.63
K-12-0442	M365809	413.00	416.00	63	12	4.16	10	0.77	20	0.39	6150	-1	0.08	19	550	0.94
K-12-0442	M365810	416.00	416.39	38	4	1.60	-10	0.26	10	0.13	2500	-1	0.02	7	220	0.15
K-12-0442	M365811	416.39	417.15	135	320	11.10	30	0.22	10	3.57	1820	-1	0.01	102	1150	0.19
K-12-0442	M365812	417.15	419.07	108	33	3.62	20	1.59	30	0.73	832	-1	0.20	38	930	0.72
K-12-0442	M365814	419.07	419.75	50	24	5.33	10	0.10	10	0.22	103	-1	0.05	10	300	4.68
K-12-0442	M365816	419.75	420.90	36	124	3.57	-10	0.08	-10	0.11	71	-1	0.04	8	190	3.13
K-12-0442	M365818	420.90	421.45	35	28	2.17	-10	0.35	10	0.19	110	-1	0.04	12	410	1.39
K-12-0442	M365819	421.45	422.15	23	23	1.56	-10	0.07	-10	0.09	62	-1	0.01	6	240	1.20
K-12-0442	M365820	422.15	422.70	34	24	27.70	20	0.03	-10	0.21	88	-1	0.14	32	280	10.00
K-12-0442	M365821	422.70	423.10	56	13	7.99	10	0.03	10	0.15	201	-1	0.18	6	340	7.00
K-12-0442	M365823	423.10	423.42	74	25	2.08	10	0.87	20	0.17	322	-1	0.09	7	600	1.32
K-12-0442	M365824	423.42	424.63	76	14	3.32	10	1.30	20	0.37	402	1	0.12	20	650	1.72
K-12-0442	M365825	424.63	425.00	34	-1	0.84	-10	0.21	10	0.04	273	-1	0.01	2	150	0.67
K-12-0442	M365827	425.00	426.39	41	9	0.86	-10	0.59	10	0.12	189	-1	0.06	7	210	0.49
K-12-0442	M365828	426.39	426.84	88	27	3.97	10	2.01	30	0.36	5980	3	0.24	29	620	1.62

DrillHoleAssays

Hole	Sample	From_m	To_m	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	K_%	La_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Ni_ppm	P_ppm	S_%
K-12-0442	M365829	426.84	428.00	35	5	0.87	-10	0.24	10	0.05	849	-1	0.01	1	130	0.41
K-12-0442	M365830	428.00	429.35	44	4	1.03	-10	0.43	10	0.08	1000	-1	0.03	4	200	0.36
K-12-0442	M365831	429.35	430.27	97	31	2.93	20	2.33	30	0.26	1470	3	0.26	36	830	1.91
K-12-0442	M365832	430.27	430.60	40	4	0.76	-10	0.48	10	0.07	74	2	0.03	4	160	0.44
K-12-0442	M365833	430.60	431.44	40	2	3.23	-10	0.20	10	0.02	78	-1	0.01	-1	130	3.50
K-12-0442	M365834	431.44	432.28	78	6	1.38	10	1.63	20	0.15	1485	-1	0.08	8	360	0.55
K-12-0442	M365835	432.28	434.00	131	368	4.02	20	2.50	40	0.57	1770	-1	0.28	51	1070	0.89
K-12-0462	M375788	63.70	64.55	57	36	3.27	20	2.46	40	0.72	511	-1	0.30	21	260	0.12
K-12-0462	M375789	64.55	65.00	26	27	2.09	10	0.05	10	0.29	723	-1	5.21	16	250	0.22
K-12-0462	M375790	65.00	65.76	71	20	4.11	20	3.03	40	0.75	385	-1	0.56	31	320	0.10

DrillHoleAssays

Hole	Sample	From_m	To_m	Sb_ppm	Sc_ppm	Sr_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm
K-12-0442	M365786	38.00	39.37	-5	11	72	-20	0.33	-10	-10	239	-10
K-12-0442	M365787	39.37	41.00	-5	6	27	-20	0.13	-10	-10	44	-10
K-12-0442	M365789	41.00	42.32	-5	6	36	-20	0.15	-10	-10	48	-10
K-12-0442	M365790	42.32	42.70	-5	17	110	20	0.44	-10	-10	317	10
K-12-0442	M365791	44.00	45.40	-5	17	123	-20	0.45	-10	-10	355	-10
K-12-0442	M365792	386.00	387.10	11	14	267	-20	0.46	-10	-10	138	-10
K-12-0442	M365794	387.10	389.06	9	17	290	20	0.50	-10	-10	172	-10
K-12-0442	M365795	389.06	390.80	22	16	158	-20	0.42	-10	-10	155	-10
K-12-0442	M365796	390.80	391.10	106	10	47	-20	0.22	10	-10	97	10
K-12-0442	M365798	391.10	391.50	10	1	11	-20	0.07	-10	-10	14	-10
K-12-0442	M365799	391.50	392.80	27	2	24	-20	0.10	-10	-10	26	-10
K-12-0442	M365800	392.80	394.62	6	1	16	-20	0.08	-10	-10	16	-10
K-12-0442	M365801	394.62	396.30	9	4	45	-20	0.14	-10	-10	45	-10
K-12-0442	M365802	396.30	398.15	6	2	19	-20	0.09	-10	-10	18	-10
K-12-0442	M365836	398.15	399.72	5	8	112	-20	0.25	-10	-10	79	-10
K-12-0442	M365803	399.75	401.53	11	12	146	-20	0.37	-10	-10	116	-10
K-12-0442	M365804	401.53	403.90	13	14	157	-20	0.42	-10	-10	146	-10
K-12-0442	M365805	403.90	405.70	-5	3	36	-20	0.15	-10	-10	35	-10
K-12-0442	M365806	405.70	407.90	-5	3	50	-20	0.14	-10	-10	36	-10
K-12-0442	M365807	407.90	410.00	5	4	45	-20	0.17	-10	-10	42	-10
K-12-0442	M365808	410.00	413.00	-5	5	36	-20	0.20	-10	-10	56	-10
K-12-0442	M365809	413.00	416.00	6	5	49	-20	0.16	-10	-10	56	-10
K-12-0442	M365810	416.00	416.39	-5	2	17	-20	0.08	-10	-10	17	-10
K-12-0442	M365811	416.39	417.15	10	40	99	-20	1.06	-10	-10	457	-10
K-12-0442	M365812	417.15	419.07	11	12	148	-20	0.41	-10	-10	128	20
K-12-0442	M365814	419.07	419.75	15	3	6	-20	0.14	-10	-10	38	-10
K-12-0442	M365816	419.75	420.90	15	1	6	-20	0.08	-10	-10	13	-10
K-12-0442	M365818	420.90	421.45	11	3	16	-20	0.11	-10	-10	31	-10
K-12-0442	M365819	421.45	422.15	7	1	4	-20	0.06	-10	-10	10	-10
K-12-0442	M365820	422.15	422.70	54	4	4	-20	0.07	10	-10	35	-10
K-12-0442	M365821	422.70	423.10	11	4	5	-20	0.11	-10	-10	48	10
K-12-0442	M365823	423.10	423.42	6	5	22	-20	0.23	-10	-10	65	10
K-12-0442	M365824	423.42	424.63	-5	8	31	-20	0.26	-10	-10	84	10
K-12-0442	M365825	424.63	425.00	-5	1	3	-20	0.08	-10	-10	11	-10
K-12-0442	M365827	425.00	426.39	-5	3	32	-20	0.14	-10	-10	33	-10
K-12-0442	M365828	426.39	426.84	7	10	149	-20	0.29	-10	-10	116	-10

DrillHoleAssays

Hole	Sample	From_m	To_m	Sb_ppm	Sc_ppm	Sr_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm
K-12-0442	M365829	426.84	428.00	-5	1	6	-20	0.09	-10	-10	10	-10
K-12-0442	M365830	428.00	429.35	-5	2	18	-20	0.10	-10	-10	19	-10
K-12-0442	M365831	429.35	430.27	8	12	161	-20	0.37	-10	-10	133	-10
K-12-0442	M365832	430.27	430.60	-5	3	17	-20	0.12	-10	-10	29	-10
K-12-0442	M365833	430.60	431.44	5	1	4	-20	0.07	-10	-10	9	-10
K-12-0442	M365834	431.44	432.28	-5	7	46	-20	0.29	-10	-10	66	-10
K-12-0442	M365835	432.28	434.00	5	14	170	20	0.41	-10	-10	151	870
K-12-0462	M375788	63.70	64.55	-5	10	130	20	0.24	-10	-10	63	-10
K-12-0462	M375789	64.55	65.00	-5	3	788	-20	0.06	-10	-10	12	-10
K-12-0462	M375790	65.00	65.76	-5	12	151	20	0.29	-10	-10	76	-10

APPENDIX 5

SOIL SAMPLE DESCRIPTIONS

Sample	Easting	Northing	Depth (cm)	Horizon	Colour	Silt (%)	Clay (%)	Organic (%)	Gravel (%)	Sand (%)	Comments	Date	By
E009335	484597	7086257	50	B?	grey black	50	30	20			Permafrost in area. Water seepage at 40cm. Very wet.	18/08/2012	AG/MMcL
E009336	484575	7086244	35	B	d. grey	45	45	10			Permafrost in area.	18/08/2012	AG/MMcL
E009337	484553	7086232	40	B	d. grey	50	40	5			Next to creek. Permafrost. Ice Shards.	18/08/2012	AG/MMcL
E009338	484531	7086220	40	B	l. grey	45	55				Wet.	18/08/2012	AG/MMcL
E009339	484509	7086208	55	A/B	brown	45	30	15		10	Vert wet. Water seepage at 40cm.	18/08/2012	AG/MMcL
E009340	484487	7086196	15	B	grey	50	30	3		5		18/08/2012	AG/MMcL
E009341	484466	7086184	35	B	grey	50	35	5		10		18/08/2012	AG/MMcL
E009342	484444	7086172	35	B?	red brown	60	20	5		5	Near creek.	18/08/2012	AG/MMcL
E009343	484422	7086160	30	B?	red brown grey	60	20	5		15	Near creek. Some oxidation.	18/08/2012	AG/MMcL
E009344	484412	7086177	30	B	grey	55	30	10		5		18/08/2012	AG/MMcL
E009345	484434	7086189	20	B	brown grey	60	20	10		10	Near creek. Some oxidation.	18/08/2012	AG/MMcL
E009346	484456	7086201	25	B	brown grey	55	20	5		20		18/08/2012	AG/MMcL
E009347	484478	7086213	35	B?	grey	60	10	10		20		18/08/2012	AG/MMcL
E022001	484427	7086254	25	B	brown	20	40	5		35		18/08/2012	LM/RB
E022002	484458	7086248	30	B	brown black	40	35			25		18/08/2012	LM/RB
E022003	484436	7086236	20	B	brown	60	20			20		18/08/2012	LM/RB
E022004	484446	7086219	30	B	brown		35			65		18/08/2012	LM/RB
E022005	484468	7086231	25	B	brown		35			65		18/08/2012	LM/RB
E022006	484490	7086243	50	B	brown	50		15		35		18/08/2012	LM/RB
E022007	484512	7086255	55	B	d brown	50	30	10		10		18/08/2012	LM/RB
E022008	484543	7086250	30	B	brown	80	20					18/08/2012	LM/RB
E022009	484521	7086238	60	A/B	brown	35	30	35				18/08/2012	LM/RB
E022010	484500	7086226	30	B	grey brown	50	10	20		20		18/08/2012	LM/RB

APPENDIX 6

SOIL SAMPLE ANALYSES

WH12207125 - Finalized

CLIENT : "ALERES - Alexco Resource Corp."

DATE RECEIVED : 2012-08-27 DATE FINALIZED : 2012-09-23

CERTIFICATE COMMENTS : "ME-MS41L:Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). "

	ME-MS41L	Au-AA25	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
E009335	0.0023	<0.01	0.318	1.32	4.91	<10	321	0.31	0.2	0.95	0.38	23.8	7.6	23.1	0.79	18.5	1.86	3.78
E009336	0.0018	<0.01	0.412	1.48	6.17	<10	439	0.43	0.23	0.69	0.54	29.4	11.6	25	0.86	27.2	1.73	4.26
E009337	0.002	<0.01	0.352	1.22	7.18	<10	290	0.35	0.25	1.07	0.72	28.7	9.9	21.4	0.6	24.9	2.05	3.54
E009338	0.0002	<0.01	0.219	1.03	7.73	<10	234	0.24	0.16	0.56	0.39	25	7.1	17.6	0.56	13.35	2.18	2.85
E009339	0.0026	<0.01	0.415	1.28	9.41	<10	349	0.36	0.23	0.86	0.79	27.3	10.8	21.8	0.7	27.2	1.8	3.53
E009340	0.0025	<0.01	0.233	0.93	3.55	<10	184.5	0.24	0.15	0.67	0.48	26.2	5.3	16.5	0.53	14.6	1.35	2.71
E009341	0.0008	0.01	0.238	0.85	8.31	<10	141.5	0.24	0.16	0.72	0.64	24.3	6.3	14.5	0.42	19.55	1.61	2.47
E009342	0.0017	<0.01	0.311	1.01	52.9	<10	214	0.36	0.19	0.93	1.21	24.3	15.3	17	0.55	23.9	8.56	2.93
E009343	0.0047	<0.01	0.269	1.07	35	<10	217	0.37	0.19	0.84	1	26.1	7.7	18	0.62	26.1	2.97	3.04
E009344	0.0015	<0.01	0.332	1.16	17.7	<10	260	0.34	0.2	0.97	0.87	25.1	9.4	20	0.58	24.8	2.32	3.15
E009345	0.0006	<0.01	0.202	0.9	9.54	<10	175	0.25	0.14	0.76	0.47	25.2	7.4	14.1	0.38	16.95	1.91	2.54
E009346	0.0081	<0.01	0.319	1.02	15.3	<10	177.5	0.3	0.19	0.67	0.58	26.7	7.6	18.6	0.59	24	2.21	2.74
E009347	0.0065	<0.01	0.282	1.03	14.8	<10	205	0.34	0.21	1.18	0.68	24.9	10.2	17.3	0.58	23.3	2.29	3
E022001	0.0011	<0.01	0.227	0.97	6.4	<10	281	0.3	0.15	0.81	0.46	25.5	6.4	16.1	0.53	17.2	1.77	3.1
E022002	0.0023	<0.01	0.43	1.35	24.4	<10	287	0.57	0.25	1.01	1.04	25.7	12.7	21.9	0.66	34.9	3.71	3.92
E022003	0.0022	<0.01	0.443	1.14	16.5	<10	210	0.37	0.23	1.11	1.06	25.7	10.5	20.4	0.62	29.1	2.49	3.38
E022004	0.0012	<0.01	0.368	1.08	20.4	<10	227	0.35	0.2	0.82	1.2	25.9	11.6	19.5	0.55	29.9	2.63	3.42
E022005	0.0015	<0.01	0.268	1.05	10.15	<10	237	0.38	0.19	1.04	0.86	23.6	7.6	19.2	0.56	28.8	1.87	3.22
E022006	0.0032	<0.01	0.362	1.19	18.3	<10	391	0.44	0.21	0.98	0.87	23.2	10.5	20.4	0.63	30.5	3.07	3.76
E022007	0.002	<0.01	0.347	1.34	7.51	<10	345	0.46	0.24	1.26	0.74	23.1	11.2	22.6	0.68	26.1	1.81	3.99
E022008	0.0011	<0.01	0.24	1.06	5.18	<10	241	0.31	0.16	0.78	0.24	23.4	7.8	18.3	0.63	16.35	1.74	3.41
E022009	0.0018	<0.01	0.295	1.06	5.28	<10	224	0.27	0.19	0.78	0.58	22.8	6.5	18.9	0.63	13.65	1.32	3.39
E022010	0.0024	<0.01	0.256	0.97	10.3	<10	223	0.37	0.19	0.91	0.73	24	7.8	17.5	0.54	24	2.39	3.09

	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
E009335	<0.05	0.06	0.039	0.022	0.05	11.3	22	0.46	286	0.3	0.01	0.69	21.8	0.066	29.9	7.2	0.002	0.11
E009336	0.05	0.07	0.044	0.025	0.05	13.9	26.3	0.46	149	0.58	0.01	0.77	27.5	0.055	41.7	7	0.004	0.16
E009337	<0.05	0.08	0.039	0.025	0.05	13.8	20.4	0.45	256	0.56	0.01	0.79	25	0.063	34.6	6.7	0.005	0.14
E009338	<0.05	0.05	0.031	0.017	0.03	12.1	16.7	0.35	178	0.41	0.01	0.63	17.7	0.067	22.5	4.7	<0.001	0.06
E009339	<0.05	0.08	0.033	0.024	0.04	12.8	19.6	0.43	197	0.4	0.01	0.71	25.1	0.06	35.9	6	0.006	0.18
E009340	<0.05	0.05	0.029	0.019	0.03	12.8	15.9	0.34	266	0.23	0.01	0.57	15.3	0.064	20.8	3.8	0.003	0.08
E009341	<0.05	0.05	0.017	0.022	0.03	11.8	14.2	0.34	188	0.35	0.01	0.51	17.8	0.067	21	4.6	0.001	0.07
E009342	0.05	0.05	0.024	0.022	0.03	11.4	14.8	0.36	526	1.52	0.01	0.6	24.6	0.097	25.6	5.7	0.002	0.09
E009343	0.05	0.06	0.029	0.026	0.04	12.7	15.6	0.39	170	0.85	0.01	0.65	22.3	0.078	25.8	5.4	0.003	0.11
E009344	<0.05	0.07	0.027	0.031	0.04	12.2	18.5	0.42	167	0.47	0.01	0.63	23.7	0.07	29.9	5.7	0.006	0.15
E009345	<0.05	0.05	0.033	0.019	0.03	12.6	13.9	0.34	369	0.23	0.01	0.49	16.1	0.06	21.2	4.4	0.002	0.08
E009346	<0.05	0.05	0.019	0.026	0.03	12.3	14.5	0.39	311	0.75	0.01	0.53	19.8	0.074	27.6	4.6	0.003	0.06
E009347	<0.05	0.05	0.041	0.028	0.03	11.8	16.3	0.38	868	0.66	0.01	0.52	22.5	0.075	27.1	5.6	0.005	0.11
E022001	0.05	0.06	0.008	0.023	0.03	12	16.4	0.35	1430	0.38	0.01	0.53	17.6	0.064	27.1	4.2	0.003	0.12
E022002	<0.05	0.09	0.04	0.038	0.04	12.6	21.3	0.45	312	0.53	0.01	0.62	31.6	0.069	42.9	6.5	0.004	0.16
E022003	0.05	0.08	0.03	0.034	0.04	11.8	18.8	0.46	899	0.5	0.01	0.56	25.2	0.074	36.2	6.9	0.002	0.12
E022004	0.05	0.06	0.016	0.025	0.04	12.9	17.6	0.41	1200	0.46	0.01	0.59	26.7	0.074	33.4	5.9	0.001	0.08
E022005	<0.05	0.09	0.015	0.02	0.04	11.1	16.8	0.39	219	0.37	0.01	0.65	20.7	0.063	32.5	5.2	0.008	0.17
E022006	<0.05	0.09	0.041	0.021	0.04	11.3	19.1	0.39	464	0.72	0.01	0.72	26.4	0.067	35.3	7.3	0.01	0.18
E022007	<0.05	0.09	0.026	0.025	0.05	11.1	21.5	0.47	345	0.28	0.01	0.7	26.3	0.057	40.6	8.1	0.006	0.23
E022008	<0.05	0.06	0.023	0.018	0.04	11.6	19	0.34	346	0.23	0.01	0.62	18	0.063	27.1	5.8	0.002	0.09
E022009	<0.05	0.05	0.017	0.019	0.04	10.9	18	0.36	175	0.22	0.01	0.64	17.1	0.06	31.1	5.1	0.002	0.12
E022010	<0.05	0.08	0.031	0.026	0.03	11.3	15.4	0.35	119	0.38	0.01	0.68	20.5	0.058	31.7	5	0.006	0.15

	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L	ME-MS41L
	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
E009335	0.584	3.2	1.6	0.4	58.9	<0.01	0.02	2.8	0.024	0.09	2.84	31	0.13	6.87	112.5	2
E009336	0.705	4.1	2.4	0.4	58.7	<0.01	0.05	4	0.022	0.1	2.78	36	0.12	9.27	102	2.7
E009337	0.578	3.5	1.8	0.4	65.5	<0.01	0.02	3.7	0.026	0.07	2.05	31	0.14	9.22	117	3
E009338	0.459	2.7	0.9	0.3	36.7	<0.01	0.02	3.5	0.024	0.08	2.06	27	0.13	6.43	78.5	1.8
E009339	0.764	3.5	2	0.3	65	<0.01	0.05	3.8	0.023	0.08	3.81	34	0.14	8.94	116	2.8
E009340	0.428	2.3	1.4	0.2	45.1	<0.01	0.03	2.9	0.025	0.06	2.2	22	0.5	6.56	79.9	1.9
E009341	0.592	2.2	1.7	0.2	44.2	<0.01	0.02	2.7	0.024	0.04	1.93	23	0.6	6.39	97.9	1.8
E009342	1.13	2.9	4.1	0.3	65.6	<0.01	0.05	3.5	0.02	0.05	2.37	31	0.19	7.9	110.5	2.2
E009343	0.975	2.9	2.4	0.3	58.8	<0.01	0.05	3.6	0.024	0.06	2.53	31	0.24	7.92	118	2.5
E009344	0.783	3	3	0.3	62.3	<0.01	0.03	3.5	0.022	0.07	2.8	32	0.13	8.07	146	2.6
E009345	0.504	2.1	1.6	0.2	47.6	<0.01	0.02	4	0.024	0.05	1.08	23	0.2	6.11	86.1	1.6
E009346	0.706	2.5	2	0.3	41.2	<0.01	0.03	3.1	0.025	0.06	0.98	28	0.1	7.24	103.5	2
E009347	0.729	2.3	2.4	0.3	75.5	<0.01	0.05	1.8	0.02	0.07	3.19	28	0.19	7.65	91.6	2.1
E022001	0.469	2.4	1.5	0.3	55.1	<0.01	0.02	3.4	0.022	0.07	2.17	23	0.09	6.55	93.3	1.8
E022002	0.743	3.3	2.3	0.4	67.1	<0.01	0.04	3.7	0.017	0.08	1.95	32	0.11	9.88	143	2.9
E022003	0.748	2.8	2.4	0.3	68.4	<0.01	0.05	3.1	0.022	0.06	1.91	29	0.22	8.39	148.5	2.3
E022004	0.799	2.8	2.2	0.3	51.7	<0.01	0.03	3.8	0.024	0.07	1.21	30	0.18	8.28	138	2
E022005	0.776	2.8	2.6	0.3	63.8	<0.01	0.04	3.6	0.024	0.07	3.55	30	0.17	8.17	107.5	2.6
E022006	0.911	3.3	3.6	0.3	72	<0.01	0.03	3.9	0.019	0.08	5.84	32	0.13	8.86	106	2.7
E022007	0.662	3.3	1.7	0.4	73.5	<0.01	0.04	3.8	0.019	0.08	3.71	31	0.15	8.57	141.5	2.8
E022008	0.397	2.7	1.1	0.3	51	<0.01	0.01	3.6	0.021	0.07	3.15	27	0.24	6.51	74.3	1.7
E022009	0.416	2.7	1	0.3	52.9	<0.01	0.02	3.6	0.022	0.07	2.26	28	0.15	5.37	82.1	1.7
E022010	0.828	2.8	2.1	0.3	59.1	<0.01	0.03	3.6	0.024	0.07	2.97	30	0.16	8.48	90.1	3

APPENDIX 7

STATEMENT OF QUALIFICATIONS

Al McOnie

I, Alan McOnie of 694 SH2, RD1, Katikati, New Zealand
DO HEREBY CERTIFY:

- 1 THAT, I am a VP Exploration and Qualified Person with Alexco Resource Corp., 1150-200 Granville Street, Vancouver, BC, V6C 1S4.
- 2 THAT, I have practiced my profession with various mining companies in the Canada, New Zealand, Australia, United States, Mexico, and China for over 35 years.
- 3 THAT, I am graduate in geology holding a BSc (Hons) from the University of Otago, New Zealand and a MSc from the University of Toronto, Canada.
- 4 THAT, I am a member of the Society of Economic Geologists.
- 5 THAT, I am a Fellow of the Australasian Institute of Mining and Metallurgy.
- 6 THAT, this report is based on work which I personally managed during the year 2011.
- 7 THAT, I have no interest in the property described herein, nor do I expect to receive any such interest.

DATED at Elsa, Yukon this 20th day of May, 2013.



Al McOnie